

HOW TO PLAY SMALL-CAPS NOW • PAGES 22, 26

BARRON'S

VOL. CIII NO. 20

MAY 15, 2023 \$5.00

SPACEX

BLASTS OFF

Elon Musk's rocket business looks unstoppable. Time for an IPO? Sizing up the rivals in what could be a \$1 trillion industry.

PAGE 16



D
DOW JONES

P. 16
A Starlink IPO Could Launch Tesla Stock
Cover Story: The cash freed up by a spinoff of SpaceX's Wi-Fi unit could fund other Musk ventures—and take the pressure off Tesla.
By AL ROOT

P. 18
Stocks to Play the Modern Space Race
Rocket Lab and Planet Labs stand out among the companies set to play a role in what could be a trillion-dollar business.
By AL ROOT AND ADAM CLARK

P. 12
How to Invest for a Banking Recovery
The regional banking crisis is reshaping the industry in ways that can benefit patient investors. Here's where to stash your cash.
By LIZ MOYER

P. 21
The Bull Case for Topgolf Callaway
Sizing Up Small-Caps: The pure-play golf stock's recent pullback should be viewed as an invitation to scoop up a fast-growing business with broad appeal.
By LAWRENCE C. STRAUSS

P. 26
Three Small-Caps That Make the Cut
Q&A: Polen Capital's concentrated portfolios focus on high-growth, high-quality companies built to last, such as Yeti, Etsy, and Five Below.
By JACOB SONENSHINE

P. 54
A Social Security Fix Is Needed—and Fast
Other Voices: The longer it takes to address the funding shortfall, the worse the problem will get.
By BURTON G. MALKIEL

P. 14
Nintendo Scores Bonus Points
A new Mario Bros. movie and *Zelda* videogame could usher in an extended rally for the stock, as investors reassess the company's extensive library of intellectual property.
By CONNOR SMITH AND TAE KIM



Cover illustration by Ibrahim Rayintakath

© 2023 Dow Jones & Company, Inc. All Rights Reserved.

Our newspapers are 100% sourced from sustainable certified mills.

BARRON'S (USPS 044-700) (ISSN 1077-8039) Published every Monday. Editorial and Publication Headquarters: 1211 Avenue of the Americas, New York, N.Y. 10036. Periodicals postage paid at Chicopee, MA and other mailing offices. Postmaster: Send address changes to Barron's, 200 Burnett Rd., Chicopee, MA 01020

P. 7
Up & Down Wall Street: Rate-Cut Reality Check
The market is pricing in three Fed rate cuts by December. With unemployment low and inflation still high, that's wishful thinking.
By RANDALL W. FORSYTH

P. 9
Streetwise: The View From Ford's Jim Farley
The auto maker's CEO weighs in on parts shortages, pricing, electric vehicles, and more. The question remains, what about the stock?
By JACK HOUGH

P. 22
Funds: Time to Revisit Small-Cap Stocks
With smaller stocks poised to take off again, here's how two talented small-cap fund managers navigate the risks to uncover opportunity.
By LAUREN FOSTER

P. 23
Income: Payout Safety at Regional Banks
For now, smaller banks' dividends look relatively stable. The outlook for the rest of this year hinges in large part on the economy's health.
By LAWRENCE C. STRAUSS

P. 24
Economy: Your Own Dow Fantasy League
A thought experiment in using the Dow divisor illustrates why the S&P 500 is the far more useful benchmark for most investors.
By ALLAN SLOAN

P. 25
Tech Trader: Alphabet Amps Up Its AI Mojo
Tweaks to Gmail, Google Maps, and photos inspire confidence.
By ERIC J. SAVITZ

P. 28
Trader: Inflation Data Send Positive Signals
Despite the continued headwinds facing the market, a break to the upside looks increasingly likely.
By NICHOLAS JASINSKI

P. 32
International: AI in China Isn't So Easy
The challenge lies in how to embrace artificial intelligence without running afoul of Beijing.
By CRAIG MELLOW

P. 33
Striking Price: Betting on Brinkmanship
For hyperaggressive investors, this trade could pay off if the debt-ceiling debate goes badly.
By STEVEN M. SEARS

Barron's Roundtable on Fox Business
Watch our show Saturday or Sunday at 10 a.m. or 11:30 a.m. ET. This week, CEO Jim Farley on how Ford will reach profitability on EVs. Plus, why the housing market might create trouble for the Fed.

Index	P. 4	Power Play	P. 31
Review & Preview	P. 10	Charting the Market	P. 34
Mailbag	P. 55	Winners and Losers	P. 35
Inside Scoop	P. 31	Market View	P. 36

The biggest ideas inspire new ones.

30 years ago, State Street created an ETF that inspired the world to invest differently. It still does.

What can you do with **SPY**, the S&P 500® ETF that started it all?

STATE STREET GLOBAL ADVISORS **SPDR**®

Scan to learn more about **SPY**



Before investing, consider the funds' investment objectives, risks, charges and expenses. To obtain a prospectus or summary prospectus, which contains this and other information, call 1.866.787.2257 or visit www.ssga.com. Read it carefully.

ETFs trade like stocks, are subject to investment risk, fluctuate in market value and may trade at prices above or below the ETFs net asset value. ETF shares may not readily trade in all market conditions. Brokerage commissions and ETF expenses will reduce returns.

This communication is not intended to be an investment recommendation or investment advice and should not be relied upon as such.

SPDR® S&P 500® ETF Trust is a unit investment trust, listed on NYSE Arca, Inc.

SPDR® is a registered trademark of Standard & Poor's Financial Services LLC (S&P), a division of S&P Global, and has been licensed for use by State Street Corporation. No financial product offered by State Street or its affiliates is sponsored, endorsed, sold or promoted by S&P.

ALPS Distributors, Inc. (fund distributor); State Street Global Advisors Funds Distributors, LLC (marketing agent).

Not FDIC Insured

No Bank Guarantee

May Lose Value

5486970.11.AM.RT

For Customer Service, call 1 (800) 544-0422, or go to customercenter.barrons.com. For reprints of articles, call 1 (800) 843-0008, or go to direprints.com.

Newell Brands	30
NewMarket	22
New York Community Bancorp	12
Nikola	31
Nvidia	32
N Occidental Petroleum	10
ON Semiconductor	11

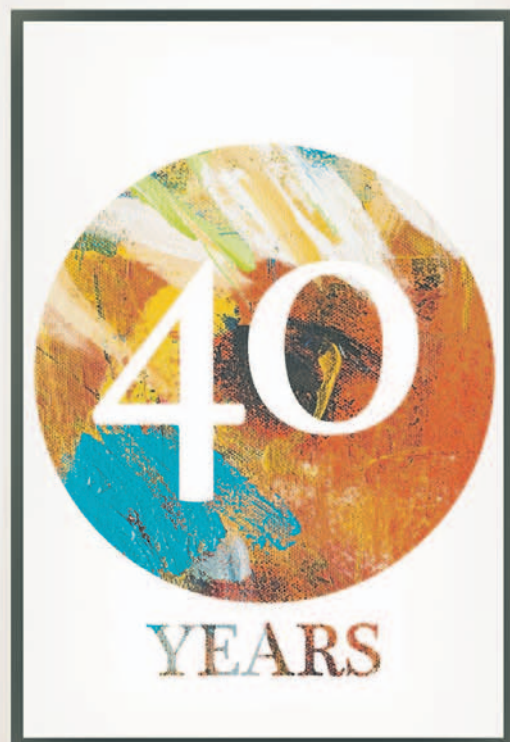
P	PacWest Bancorp	10,12,23,34
	Palantir Technologies	34
	PayPal Holdings	10,34
	Pershing Square Holdings	30
	Pfizer	29
	Pitney Bowes	31
R	Rocket Lab USA	18
S	Seagen	29
	SenseTime Group	32
	SPDR Regional Banking	23
	Spire Global	17
	Stryker	29
T	Tapestry	34
	Target	11
	Tencent Holdings	32
	Tesla	9,10,17
	Third Point Investors	30
	TJX Cos.	11
	Topgolf Callaway Brands	21
	Toronto-Dominion Bank	10
	Twilio	34
U	United Airlines Holdings	11
	UnitedHealth Group	24
V	Valley National Bancorp	13
	Verizon Communications	18
	Viasat	18
	Vodafone Group	11
W	Walmart	11
	Walt Disney	10,34
	Western Alliance Bancorp.	13
X	Xerox Holdings	30
Y	YETI Holdings	27
Z	Zions Bancorp	13
	Zscaler	34

X Xerox Holdings	30
Y YETI Holdings	27

Z Zions Bancorp	13
Zscaler	34

D Barron's is a trademark of Dow Jones and its affiliates. Barron's (USPS 044-700) (ISSN 1077-8039) Published every Monday. Editorial and Publication Headquarters: 1211 Avenue of the Americas, New York, N.Y. 10036. Periodicals postage paid at Chicago, MA and other mailing offices. Regular U.S. subscription rate: one year, \$359.88. Entire editorial content of this publication copyrighted by Dow Jones & Co., Inc. and must not be reproduced in whole or in part without special permission. Unsolicited manuscripts should be accompanied by self-addressed envelope with proper postage. All advertising published in Barron's is subject to the applicable rate card, copies of which are available from the Advertising Director, 1211 Avenue of the Americas, New York, N.Y. 10036. Barron's reserves the right not to accept an advertiser's order. Only publication of an advertisement shall constitute acceptance of the advertiser's order. Postmaster: Send address changes to Barron's, 200 Burnett Rd., Chicago, MA 01020.

The Art of Investing



September 1983

Payden & Rygel is founded and remains 100% owned by active employees of the firm while maintaining the **same collaborative culture and client focus to this day.**



September 1992

The Payden Global Fixed Income Fund marks the beginning of Payden Mutual Funds.



April 1998

Payden & Rygel broadens its global presence with the **opening of the London office, followed by Milan in 2018.**

We manage over \$148 billion in assets under management across a broad lineup of equity, fixed income, and balanced strategies for a diverse, global client base. These strategies are available via different investment vehicles, including separately managed accounts as well as commingled portfolios. Since our founding, we've grown organically over the years, and we have remained committed to meeting our clients' investment management objectives.

Payden&Rygel

For more information and to obtain a prospectus or summary prospectus, visit payden.com or contact Shareholder Services at 800 572-9336 or Paydenfunds Institutional Sales at 800 644-9328. Before investing, investors should carefully read and consider investment objectives, risks, charges, expenses and other important information about the Fund, which is contained in these documents.



Please scan or visit Payden.com for more information



Payden & Rygel

EXPLORING THE MUTUAL FUND LANDSCAPE

20 MUTUAL FUNDS

Payden & Rygel offers a wide variety of equity, fixed-income, and cash balance strategies throughout the entire risk/reward spectrum.

PAYDENFUNDS FAMILY

CASH BALANCE

Payden Managed Income Fund

EQUITY

Payden Equity Income Fund

GLOBAL FIXED INCOME

Payden Emerging Markets Bond Fund
Payden Emerging Markets Corporate Bond Fund
Payden Emerging Markets Local Bond Fund
Payden Global Fixed Income Fund
Payden Global Low Duration Fund

TAX-EXEMPT INCOME

Payden California Municipal Social Impact Fund

U.S. FIXED INCOME

Payden Absolute Return Bond Fund
Payden Cash Reserves Money Market Fund
Payden Core Bond Fund
Payden Corporate Bond Fund
Payden Floating Rate Fund
Payden GNMA Fund
Payden High Income Fund
Payden Limited Maturity Fund
Payden Low Duration Fund
Payden Securitized Income Fund
Payden Strategic Income Fund
Payden U.S. Government Fund

For more information and to obtain a prospectus or summary prospectus, visit payden.com or contact Shareholder Services at 800 572-9336 or Paydenfunds Institutional Sales at 800 644-9328. Before investing, investors should carefully read and consider investment objectives, risks, charges, expenses and other important information about the Fund, which is contained in these documents.



Please visit [Payden.com](https://payden.com) or scan for more information



UP & DOWN WALL STREET

The public is unhappy about the economy, but things might not be bad enough for the Fed to cut rates, [notwithstanding the markets' hopes.](#)

Wall Street Roots for Bad News. Consumers See Plenty Already.

The best of times or the worst of times? Looking at the numbers, with unemployment hovering at a record low, one would assume the former. But sentiment on Main Street USA is distinctly downbeat, making a dickens of a dilemma for Washington.

As for Wall Street, the mantra of “bad news is good news” is being invoked because negative developments could bring interest-rate reductions, which usually boost asset prices.

But although the American public is feeling out of sorts about the economy, things might not be bad enough for the Federal Reserve to cut rates, notwithstanding the markets' hope that Jerome Powell & Co. will resume spiking the proverbial punch bowl later this year.

The University of Michigan's latest sentiment survey, out Friday, shed light on consumers' dour mien. The index plunged by 5.8 points, to 57.7, far below both economists' consensus estimate and recent readings in the low-60 range. Their assessment of current conditions fell by 3.7 points, to 64.5, and expectations for future conditions plunged by 7.1 points, to 53.4.

The university attributed the falloffs in part to “the proliferation of negative news about the economy, including the debt crisis standoff.” The drop in the jobless rate to 3.4%, the lowest level since the 1960s, evidently was superseded by the (so-far fruitless) effort to avoid the first-ever default by the U.S.

The Biden administration is feeling the brunt of this lousy mood. You have to go back to the early 1950s and Harry



BY RANDALL W. FORSYTH

Truman's second term to find a presidential approval rating of just 37% while joblessness is this low, Bank of America's strategist team, led by Michael Hartnett, writes in a client note.

As for consumer sentiment, the Michigan survey shows inflation's pernicious effect on purchasing power, Joshua Shapiro, chief U.S. economist at MFR, points out in a note. Despite higher pay and job gains, real weekly earnings slid 1.1% in the 12 months through April, the Bureau of Labor Statistics has reported.

Consumers don't think inflation will be transitory, to use that outmoded term. The Michigan survey finds that they expect inflation to run at 3.2% for

the next five to 10 years, the highest rate since March 2011. That contrasts with the market's sanguine longer-term forecast, derived from Treasury inflation-protected securities.

The five-year break-even inflation rate (the difference between yields on the five-year T-note and the corresponding TIPS) is just 2.14%, near its one-year low and within spitting distance of the Fed's 2% inflation target. The 10-year break-even rate also is close, at 2.20%.

But consumers evidently don't believe the market's message. And with high prices making them depressed, it's “maybe not a good idea for the Fed to pause [rate increases] with inflation [at] 5%,” the BofA strategists opine. In that case, the risk for June may be another month of economic data pointing to rate hikes, they add.

However, federal-funds futures see an 83% probability that the central bank will hold rates steady next month in its new range of 5%-5.25%, according to the CME FedWatch tool. In July, the odds favor the Fed standing pat (a 58.5% probability), but with a 31% chance of a quarter-point cut and a 10.4% probability of an equal-sized increase. But by September, the odds are firmly skewed toward cuts, by

roughly a 2-to-1 margin.

That would defy history. Fed rate decreases have been extremely rare whenever the unemployment rate has been below 4%, according to a report by Strategas' Ryan Grabinski and the rest of his strategist team.

Only six of the 124 fed-funds rate reductions since 1971 occurred with a sub-4% jobless rate; two took place during the worst of the Covid-19 crisis in March 2020, while three happened in 2019 with inflation running below the Fed's 2% target. The other instance came on Jan. 3, 2001, as the economy was headed toward the recession that followed the dot-com bust.

As the BofA team observes, inflation remains sticky, with the consumer price index 4.9% above its level a year ago and the core (ex food and energy) rate at 5.5%.

Even if the CPI registers monthly increases of just 0.2% throughout 2023, year-over-year inflation would likely still be near 4%, according to Evercore ISI's equity and derivatives strategists, headed by Julian Emanuel. That would be at odds with the market's pricing in three Fed cuts by December, they add.

In all, this looks like a summer of discontent on Main Street and Wall Street, as well as on Pennsylvania Avenue and Capitol Hill.

The debt ceiling is getting to be like the weather: Everybody talks about it, but nobody does much about it.

Continued confabs are slated in Washington, but the impasse between the White House and congressional Republicans continues. Based on history, it's unlikely to be resolved until just before the X date—when the Treasury's cash coffers are finally empty.

With that date put at June 1 by Treasury Secretary Janet Yellen, Wall Street has been moving mostly sideways with a distinct lack of volatility, for now. The most likely impetus for a deal would be a stock market tantrum, as noted here a couple of weeks ago.

There will be time enough to panic. Indeed, longtime Washington watcher Greg Valliere, chief U.S. policy strategist at AGF Investments, thinks that



Inflation is weighing on consumers. Some, one survey finds, see it running at 3.2% for at least five years.

"History shows that it doesn't pay to try to time the stock market, but there are times when risk levels have increased to a point where it is wise to have a safety net – like dividends."

- Jim Cullen, Chairman & CEO

High Dividend Equity

Enhanced Equity Income

Value Equity

Small Cap Value

International High Dividend

Emerging Markets High Dividend

Water Impact

SCHAFFER | CULLEN
CAPITAL MANAGEMENT

For further information, please contact Schafer Cullen Capital Management
212.644.1800 • info@schafer-cullen.com • schafer-cullen.com

Schafer Cullen Capital Management is an independent investment advisor registered under the Investment Advisers Act of 1940. This information should not be used as the primary basis for any investment decision nor, should it be construed as advice to meet a particular investment need. It should not be assumed that any security transaction, holding or sector discussed has been or will be profitable, or that future recommendations or decisions we make will be profitable or equal the investment performance discussed herein. A list of all recommendations made by the Adviser in this strategy is available upon request for the 12 months prior to the date of this report.



Up & Down Wall Street (continued)

Congress will likely kick the can again as default approaches, perhaps until the July 4 recess or even to the end of the current fiscal year on Sept. 30.

Meanwhile, investors have been moving to the traditional redoubts from risk: short-term money markets, which offer yields approaching 5% following the Federal Reserve's latest interest-rate hike. Risk-free returns this high haven't been seen since before the 2008-09 financial crisis.

At the same time, gold has quietly crept close to its record high. You'd think higher yields would be a negative for the precious metal, which pays no interest. But that's proved no deterrent to gold's rise, as central banks abroad diversify their reserves away from the greenback.

Despite the debt-ceiling wrangling, Uncle Sam is having little trouble raising billions in the debt market. Ironically, however, he found strong demand for 30-year bonds this past week, but had to pay up to borrow for just under 30 days.

Four-week Treasury bills auctioned Thursday drew a high discount rate of 5.605%, equivalent to a bond yield of 5.723%, owing to investors' apparent concern that a default could mean they don't get paid on time at maturity on June 13. In contrast, the eight-week T-bill, auctioned at the same time, sold at a much lower discount rate of 4.680% (a bond-equivalent yield of 4.793%).

Institutional bidders accepted a much lower yield for the certainty that the two-month paper would be paid without a hitch at maturity on July 11, assuming a new debt limit is in place by then. Others, including former Pimco bond king Bill Gross, advised taking the nearly full percentage point in extra annual yield on the shorter bills, despite the danger that, for the first time, America won't repay its debt on time.

Far less noticed has been the steady advance in gold, which hit a 52-week high of \$2,048 an ounce on May 4 for the spot-month Comex futures contract, just shy of the record \$2051.50 reached on Aug. 6, 2020, according to Dow Jones statisticians. Spot-month gold backed off from its recent peak to settle Thursday at \$2014.70, still up 10.72% since the beginning of the year, and better than the S&P 500's gain of 7.58% over that span.

Even more relevant, gold is trading like it did during the summer of 2011, according to a client note from Strategas' Washington policy watchers, led by Daniel Clifton. That was during the debt-ceiling crisis that led to the first cut in the U.S. credit rating by Standard & Poor's, to AA+ from

its previously perfect AAA.

The rise in gold during a period of higher interest rates should send a warning about U.S. finances and the dollar's international status. Central banks added 228 metric tons of the metal to their reserves in the first quarter, according to the World Gold Council. That followed a record addition of 1,136 metric tons in 2022, during which China resumed its purchases.

Rising geopolitical risks and increasing inflation have spurred demand, especially following Western sanctions on Russia after it invaded Ukraine. The higher opportunity cost of holding gold apparently is outweighed by concerns over the effect of government sanctions on the global financial system, which is dominated by the dollar.

In addition, there are the traditional worries over debt, default, and inflation. In Washington, however, there is complacency that this is a political issue, not an economic or financial one, the Strategas Washington team writes, despite what they term an "explosion" in interest expense on the nation's debt.

During the past decade of record-low rates, Congress was able to cut taxes and boost spending with no rise in the cost of financing that debt. "The free lunch is over," they write. For the first time in 40 years, U.S. debt-servicing costs are rising. Interest absorbed 12.7% of tax revenue in April, up sharply from 11.7% a year earlier, leaving less room for other spending.

Historically, when net interest costs reach 14% of revenue, financial markets have imposed austerity on the government. "It's only a matter of time before the vigilantes arrive, and the debt ceiling is just the opening act," the Strategas team predicts.

There is another way out. The real burden of government debt sometimes has been reduced through "financial repression," a combination of inflation and suppression of interest rates, as economist Carmen Reinhart of the Harvard Kennedy School has written. In effect, this is a stealth tax on bondholders, who are paid back in dollars whose value is diminished by inflation.

During the 1970s, bonds came to called "certificates of confiscation," as they lost value in real terms. Gold soared above \$800 by January 1980, from its former fixed price of \$35 an ounce under the Bretton Woods monetary system. So the precious metal served as an offset to this inflation tax on fixed-income assets.

Once again, the yellow metal appears to be a warning of the coming debt storm. **B**

email: randall.forsyth@barrons.com

STREETWISE

The Detroit auto maker is doubling production of electric vehicles, and **CEO Jim Farley** says demand has exceeded expectations.

Ford's CEO Is Taking On Tesla. Will the Stock Price Take Off?

Ford Motor has two anniversaries coming up, one of which is cause for celebration. The company was founded 120 years ago next month. Its \$12 stock, meanwhile, first hit that level 37 years ago next January, adjusted for splits and spinoffs.

Longtime Ford Motor (ticker: F) shareholders who have been reading about rampant auto inflation must wonder when some of it will seep into their brokerage accounts. Below are some thoughts from Wall Street on that. But first, here's what Jim Farley, Ford's chief executive officer since 2020, told me this past week about shortages, pricing, Tesla, robodrivng, and more.

Ford is still producing 10% fewer vehicles than it would like, but shortages have shifted to general parts from chips, says Farley. Dealer profit margins have started to come down, but Ford is still "at the very high end of the pricing," Farley says he is "very encouraged that everyone's gonna keep their stocks a little lower than in the past."

Loan rates and car payments are up. Economy cars are scarce. Ford got out of sedans before the pandemic, starting in 2018.

"We couldn't win, frankly," says Farley. "It wasn't a moneymaking enterprise. But we did one thing. We invested in the Maverick." That's a small, sub-\$30,000 pickup and Ford's fastest-growing vehicle. This past week, Ford introduced a redesigned Ranger pickup, which fits between the



BY JACK HOUGH

Maverick and the flagship F-150 in its truck lineup.

Ford is doubling production of electric vehicles and Farley says that demand has exceeded his expectations, but also that two-row crossovers—a vehicle with two rows of seats, like the Mustang Mach-E—face "almost too much competition," including from the **Tesla** (TSLA) Model Y.

"Pricing is really coming down for Tesla, so we've had to partially match that," Farley says. Ford is seeing its best electric-vehicle demand "where we went and others didn't"—pickups and commercial vans. Hybrid vehicles, including an F-150 version, are also selling well.

Tesla bulls point to what they see as an insurmountable lead on software and manufacturing scale and efficiency. I asked Farley how Ford will compete. It helps that it focuses on categories where Tesla isn't yet a factor, like commercial trucks and three-row crossovers, he says. "They haven't even launched the Cybertruck," says Farley. "We've been in the market with [F-150] Lightning for

a year and a half already."

Farley points out that Consumer Reports named Ford's BlueCruise its top-rated active driver-assistance system. In that ranking, published early this year, Tesla Autopilot fell from second place to seventh. Farley says that Ford's second cycle of electric vehicles over the next couple of years will be "fully competitive with Tesla on a cost basis. But they're...a really good competitor."

Full robodrivng is "way off," says Farley. Ford stopped investing there last year in favor of what's called Level 3 autonomy, where drivers can take their hands off the wheel on highways and watch a movie or attend a virtual meeting.

"That's a big unlock for customers," says Farley. "There aren't many product categories that can give 45 minutes back to the customer. And you don't have to go to full autonomy to do that."

I asked whether the transition to electric vehicles will make the business more or less profitable than in the past. Profits will increase, Farley says. The world's population is growing, its vehicle fleet is looking old, and combustion vehicles and hybrids can sell at least as well as electrics for many years to come.

But the bigger change will be reduced cyclical, Farley says, because electric vehicle demand will be less prone to fuel price swings, and new software features can sell well in good years and bad.

The Case for the Stock

When will Ford put its \$12 stock price in the rear view? Soon, says BofA Securities. Earlier this month,

after Ford reported robust first-quarter financial results, BofA nudged its target price up from \$21 to \$22. That's 83% theoretical upside atop a 5.1% dividend yield. Honk if you need more convincing.

The price math in this case is based on a valuation metric that evokes a LensCrafters exam: EV/Ebitdap. The first part, enterprise value, is the stock market value adjusted for debt and cash. Ford recently had a market value of \$47.5 billion, and its cash, \$28.7 billion, is more than its corporate debt of \$19.7 billion.

The second part, Ebitdap, stands for earnings before interest, taxes, depreciation, amortization, and pensions. It's, well, an arbitrarily over-adjusted measure of hypothetical profitability. And Ford's ratio of these two measures belongs at about five, reckons BofA, or toward the high end of its historic range of three to six.

Maybe the part about why will shed more light. Ford is undergoing a "core to future transition," says BofA. That means that it's squeezing more profits from the gasoline-burning pickup trucks and sport-utility vehicles that customers mostly want today to invest in the battery-powered vehicles that customers will increasingly buy in the future.

Last quarter, operating profit for Ford Blue, the company's traditional vehicle unit, nearly doubled to \$2.6 billion; and that for Ford Pro, for heavy-duty haulers, almost tripled, to some \$1.4 billion. Losses for the Ford Model e unit, which includes electric vehicles, almost doubled to \$722 million on higher costs and scheduled plant downtime to increase production.

Ford Model e will reach respectable profit margins by the end of 2026, the company says. BofA estimates that Ford can generate close to \$6 billion a year in free cash between now and then.

If that's accurate, you'd think that the stock would in fact trade well higher. I'd guess when or how much, but I'm still winded from spelling out Ebitdap. **B**

email: jack.hough@barrons.com



BARRONS.COM/PODCASTS

Barron's Streetwise

In a weekly podcast by *Barron's*, columnist Jack Hough looks at the companies, people, and trends you should be watching. This is Wall Street like you've never heard before. Subscribe to Barron's Streetwise on Spotify, Apple Podcasts, or your favorite listening app.

REVIEW

33,300.62

Dow Industrials: -373.76

492.01

Dow Global Index: -2.93

3.46%

10-year Treasury Note: +0.01



HANG TIGHT OR SHORTEN UP

Debt Ceiling: How to Play It

The debt-ceiling standoff between the GOP House and the Biden administration will likely cast a long shadow over markets. President Joe Biden met with House Speaker Kevin McCarthy and other congressional leaders this past week, but their talks ended without a resolution, and a Friday meeting was postponed as staffs met.

If you're a long-term investor, there's a strong case to do nothing. If history is a guide, a deal to avoid a default will be struck. Adam Turnquist, chief technical strategist at LPL Financial, says that, if there is a prolonged battle similar to 2011's, watch for large-caps to outperform small-caps, growth to top value, and defensive sectors to outpace more cyclical ones.

Defensive sectors include utilities, which in 2011 only fell 0.8% from the April high to October low. The next-best sector in 2011 was consumer staples, off 6.9%. The S&P 500 was off some 19.4% during that contentious stretch in 2011. Large-caps fell 18.3%; value, 22.3%; and small-caps, 29.6%.

Treasuries are the ultimate haven. But a fight over U.S. debt puts them in the eye of this storm. In the near term, Michael Rosen, chief investment officer at Angeles Investments, says investors have an opportunity to pick up higher-yielding short-term Treasury bills. Four-week T-bills maturing May 30 yield 4.33%, while those maturing June 1 yield 5.12%, he notes.

The market is assuming that "when the calendar flips to June 1, that bill may not get paid on time," Rosen says. "I'd rather own that June 1 bill than the May 30 bill and pick up that nice yield." —Lauren Foster

THE NUMBERS

\$18.6 B

Volume of deals between European private-equity firms, lowest since 2020's second quarter

\$160 B

Cash held by six Big Oil companies at the end of the first quarter, \$48 billion of which was held by Exxon Mobil and Chevron

36%

Percentage of Americans in a Gallup poll with a "great deal" or "fair amount" of confidence in the Fed's Jerome Powell, a record low since Alan Greenspan

\$80 B

Bank profits in the first quarter, a record, despite bank failures

To get Numbers by Barron's daily, sign up wherever you listen to podcasts or at [Barrons.com/podcasts](https://www.barrons.com/podcasts)

Banking Fallout

Regional banks began the week higher as **PacWest** cut its dividend, but the Federal Reserve went on to warn of a bank credit crunch, and debt-ceiling talks went nowhere. The Nasdaq Composite exited the bear market that began in October, though stocks fell broadly early in the week, dropping more after April inflation edged down, jobless claims rose, and PacWest reported losing more deposits. On the week, the Dow industrials lost 1.11%, to 33,300.62; the S&P 500 slipped 0.29%, to 4124.12; and the bullish Nasdaq rose 0.40%, to 12,284.74.

The Earnings Beat

KKR posted a 26% drop in earnings, but beat expectations. **PayPal** beat, but the stock sagged as active users slipped. **Airbnb** shares fell after it beat expectations but warned about average daily rates. **Occidental Petroleum** missed big on profits—down 48%—and revenue, the third miss in four quarters. **Walt Disney** surprised investors with a serious drop in streaming subscribers. Shares followed.

Talking Default

President Joe Biden and congressional leaders met at the White House to try to resolve the debt-default deadline. Treasury Secretary Janet Yellen had earlier said the government could run out of money on June 1. She began lobbying business and financial leaders. After the meeting, Biden said that he was cheered by a promise from Senate Minority Leader Mitch McConnell that the U.S. "is not going to default." Lower-level talks then began.

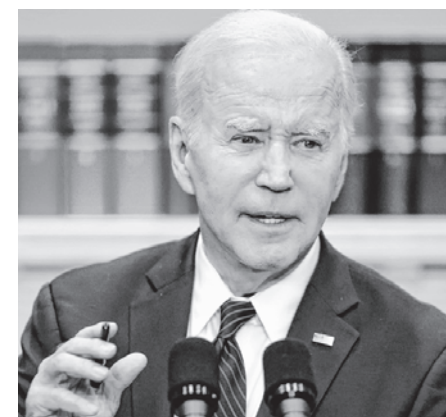
In Search of Victory

Russia celebrated a scaled-down Victory Day over Nazi Germany. Russian forces began evacuating Ukrainians from around the nuclear plant at Zaporizhzhia. Wagner Group leader Yevgeny Prigozhin changed his mind about withdrawing from Bakhmut after Russian military agreed to provide more support, and as Ukraine made gains there. Ukraine President Volodymyr Zelensky said the counter-offensive would wait for the delivery of more Western weaponry.

HE SAID:

"Default is not an option. America is not a dead-beat nation. We pay our bills."

President Biden, after meeting with congressional leadership on the debt ceiling



Trump Liable

A jury in a New York case said that former President Donald Trump was liable for sexual abuse and defamation. His accuser, former advice columnist E. Jean Carroll, was awarded \$5 million in damages. Trump says he will appeal. The same day, the Department of Justice indicted Republican House member George Santos on 13 charges of fraud, theft of public funds, and money laundering. Santos confessed to theft in Brazil, settling a decade-old case. He'll pay restitution and fines.

Annals of Deal Making

CEO Warren Buffett said at the **Berkshire Hathaway** annual meeting that the company wouldn't make an offer for full control of Occidental Petroleum. He didn't rule out buying more shares...Money-laundering concerns at **Toronto-Dominion Bank** led to regulators rejecting TD's \$13.4 billion takeover of **First Horizon**...**Icahn Enterprises** said that federal prosecutors contacted the company after Hindenburg Research's critical report...Elon Musk hired NBCUniversal's ad chief Linda Yaccarino as CEO of Twitter. Musk will remain as chief technology officer. **Tesla** stock rose on the news.

PREVIEW

Thursday

Walmart reports first-quarter fiscal-2024 results. Analysts believe that the big retailer earned \$1.31 per share, a penny more than in last year's first quarter, on \$148.6 billion in revenue, a 4.9% increase. The company's stock is up 8% this year, roughly even with the broader market.

Sign up for the Review & Preview daily newsletter at Barrons.com/reviewpreview



AIRFARES AND ROOM RATES RISE

Forecast: Hot Summer Travel

It's going to be an expensive summer for those vacationing overseas. International travel demand is booming, but so are airfares and hotel room rates. While that's going to hit the wallets of consumers, it should bolster some travel stocks in the months ahead.

Airfares to Europe and Asia this summer are at their highest in more than five years, according to data from online travel agency Hopper. The average price of a round trip to Europe is now \$1,167, or 36% higher than at the same time in 2019.

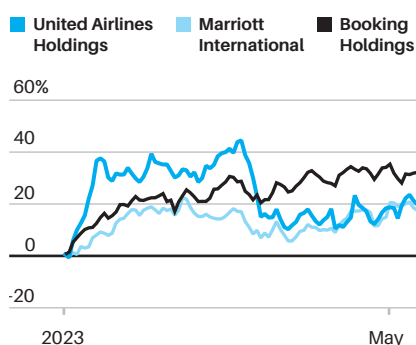
Among major U.S. carriers, **United Airlines** stands out for its exposure to international travel. The airline is expanding its overseas capacity by 25% to meet demand. Wall Street still thinks United will miss its full-year earnings guidance of \$10 to \$12 per share. A strong summer, however, could lead to upside revisions and gains for the stock.

Pent-up demand means that the season should be good for hotel operators. The signs are already there. First-quarter earnings revealed surging room rates, improving occupancy, and strong revenue per available room, or RevPAR—a closely watched industry metric.

The resumption of travel to China and other parts of Asia is another tailwind. **Marriott International** is already seeing the benefit of that; revenue surged 34% in the first quarter. The company raised its full-year RevPAR guidance citing the "faster than expected" recovery in international markets and global booking. With China's recovery just getting started and Chinese travelers yet to return in great numbers to Marriott's key regions—the U.S. and Europe—there's more growth to come. — **Callum Keown**

Heating Up

Major tourism stocks have strengthened in the postpandemic period.



Source: FactSet

The Road Back

International travel has recovered strongly from the pandemic, though by some measures it still trails 2019.



*March 2023 compared to March 2022

** March 2023 compared to 2019

Source: U.N. World Tourism Organization

Monday 5/15

Jack Henry & Associates and **Molina Healthcare** hold investor days.

The Federal Reserve Bank of New York releases its Empire State Manufacturing Survey for May. The consensus estimate is for a reading of one, about 10 points lower than April's. The index turned positive last month after four consecutive months in deeply negative territory.

Tuesday 5/16

Baidu, Home Depot, Keysight Technologies, and Vodafone Group report quarterly results

ON Semiconductor, PTC, and ServiceNow hosts investor meetings.

The National Association of Home Builders releases its Housing Market Index for May. Economists forecast a 45 reading, which would be even with April's. The index has rebounded sharply from December's level of 31, as builders have turned cautiously optimistic, due in part to limited existing-home inventory. "Currently, one-third of housing inventory is new construction, compared with historical norms of a little more than 10%," says the NAHB's chief economist, Robert Dietz.

The Census Bureau reports retail sales data for April. Consumer spending probably increased 0.7%, month over month, while sales, excluding autos, are seen rising 0.4%. This compares with declines of 0.6% and 0.4%, respectively, in March.

Wednesday 5/17

Cisco Systems, Synopsys, Take-Two Interactive Software, Target, and TJX Cos. release earnings.

The Census Bureau reports on new residential construction for April. The consensus call is for a seasonally

adjusted annual rate of 1.4 million housing starts, 20,000 fewer than in the previous month.

Thursday 5/18

Alibaba Group Holding, Applied Materials, DXC Technology, and Ross Stores hold conference calls to discuss quarterly results.

The Conference Board releases its Leading Economic Index for April. Economists' forecasts point to a 0.5% month-over-month decline, following a 1.2% drop in March. The LEI is at its lowest level since November of 2020, and the think tank expects a recession starting in mid-2023.

The National Association of Realtors reports on existing-home sales for April. Expectations are for a seasonally adjusted annualized sales rate of 4.3 million, slightly lower than March's. The median existing-home price was \$375,700 in March, down 0.9% from the level a year prior, the second consecutive annual decline.

Friday 5/19

Deere reports second-quarter fiscal-2023 earnings.

Coming Earnings

	Consensus Estimate	Year ago
M		
Cara Therapeutics (Q1)	\$-0.51	\$-0.52
T		
Home Depot (Q1)	3.85	4.09
W		
Bowlero (Q3)	0.26	0.53

More Earnings on Page 51.

Consensus Estimate

Day		Consensus Est	Last Period
T	April Retail Sales	0.70%	0.62%
	April Capacity Utilization	79.7%	79.9%
	April Industrial Production	0.00%	0.40%
	March Business Inventories	0.20%	0.20%
W	April Housing Starts	1,400,000	1,420,000
TH	April Existing Home Sales	4,330,000	4,440,000
	April Leading Indicators	-0.50%	-1.2%

Unless otherwise indicated, times are Eastern. a-Advanced;

f-Final; p-Preliminary; r-Revised

Source: FactSet

For more information about coming economic reports

- and what they mean - go to Barron's free Economic

Calendar at www.barrons.com

What Comes Next for the Banks as the Dust Settles

Lenders face steep economic hurdles and stiffer regulations. How to invest as the industry reshapes itself.

BY LIZ MOYER

Banks are heading for a “new world order.” The outlook comes from investment firm KBW, referring to a shakeout following the failures of First Republic Bank, Silicon Valley Bank, and Signature Bank. Individually, none was big enough to upend the industry. Together, their collapse is helping to reshape it.

Investors, regulators, and companies are reassessing deposit flows, loan books, and balance sheets buckling from higher interest rates. Some firms are feeding off the turmoil, notably **JPMorgan Chase** (ticker: JPM), **First Citizens BancShares** (FCNCA) and **New York Community Bancorp** (NYCB), which snapped up deposits and assets of the failed banks at discounts. But regional lenders aren't out of the woods, as firms like **PacWest** (PACW) continue to lose deposits—including a 9.5% drop in the past week.

The next 12 months will be rocky, but there are opportunities in stocks that may be unduly depressed. Pressured by the Federal Reserve's interest-rate hikes, banks are sitting on huge losses in “safe” securities like Treasuries and are pulling back on loans. Another worry is losses in commercial real estate. If the economy tips into a recession, profit estimates would come down as banks rebuild capital and reserves, while loan growth dwindles.

Regulation is also an overhang as federal and state supervisors investigate the failures—including their own—and try to plug oversight holes. Big banks face higher insurance charges from the Federal Deposit Insurance Corp., since the FDIC spent \$15.8 billion bailing out uninsured depositors of the failed banks. The FDIC now plans to levy a special charge on uninsured deposits above

\$5 billion, aiming to raise nearly \$16 billion starting next year. Large banks with more than \$50 billion in assets are expected to pay 95% of the cost.

“Ultimately, the markets will heal, and confidence will be restored,” says Christopher McGratty, KBW's head of U.S. bank research. But it's going to take time for the fog to lift on regulation. Valuations look attractive, he says, but there are more important considerations, including the regulatory overhang and economic outlook.

The New Bank Landscape

While the shakeout is in its early stages, contours are forming. One is that JPMorgan and a few other mega-firms should benefit. Banks with more than \$250 billion in assets have long been held to stiffer stress-test rules and capital requirements than those in a category just below. That effectively de-risked the giants' securities and asset portfolios, enabling them to

withstand the pressure of higher rates better than smaller banks that wound up taking more interest-rate risk.

Deposit trends indicate that the giants are benefiting from a perceived flight to safety. JPMorgan reported a \$50 billion increase in deposits in March, before its First Republic acquisition in early May. Its deposits rose 2% in the first quarter to \$2.38 trillion.

Yet JPMorgan, like other banks, has lost deposits for much of the last year, partly because it doesn't pay as much interest in checking and savings accounts as money-market funds. JPMorgan's deposits are down by nearly \$200 billion from the first quarter of 2022. That has been an industry-wide slow burn as the Fed hiked the federal-funds rate from about zero percent to roughly 5%.

“From a very high level, the bank space has never seen such outflows of deposits, in either total dollars or percentage, than what has taken place over the past year,” said analysts at boutique investment bank Hovde Group in a note. The big banks have plenty of asset cushions, the analysts noted. But it's still too early to tell whether small banks are back to normal or if their stocks have hit bottom.

The spate of bank failures raises another concern: Banks are sitting on an estimated \$2.2 trillion of unrealized losses on securities, according to Stanford University finance professor Amit Seru. About 10% of banks have larger unrealized losses than Silicon Valley Bank, he estimates. Most of

those losses are in Treasuries and agency-backed mortgage securities that lost value as rates spiked.

Ideally, banks won't have to sell bonds at a loss, holding them to maturity and getting 100 cents on the dollar. The Fed and Treasury are providing emergency liquidity facilities that could help lenders avoid the fate of SVB and others that faced bank runs triggered partly by disclosures of losses on bondholdings.

One problem that isn't going away near term: commercial real estate. Banks are pulling back sharply on real estate loans amid widespread price declines and weakness in office properties. The National Association of Realtors points to a record-high office vacancy rate of 12.9% compared with the previous year's 12%.

Banks hold about \$2.2 trillion in outstanding commercial real estate debt, the Fed said in a recent report. More than 70% is with lenders that have less than \$100 billion of assets—big players in local business, autos, and construction loans. If those regionals keep pulling back on credit, it could slow the economy almost as much as one or two more quarter-point rate hikes, analysts say.

A regulatory reckoning is coming. Lawmakers have held hearings on the role of the San Francisco Fed in the SVB collapse. The Fed, in a recent report, said SVB's failure exposed regulatory gaps, including supervision that lacked force and urgency.

Another problem: a hole in stress testing and capital requirements. Banks with more than \$250 billion in assets are subject to international standards on oversight and capital rules, since they're considered globally systemically important. But the rules are more lenient for banks just below that level, in part thanks to industry lobbying. The Fed has proposed new liquidity and reporting requirements for banks with more than \$100 billion in assets.

The stress tests need an overhaul, too. The tests failed to measure the effect of rising rates in all but two of the years since the Fed began the exercise after the 2008-09 financial crisis. Instead, it tested banks for their ability to withstand a period of low inflation and falling rates—the opposite of the economic dynamics today.

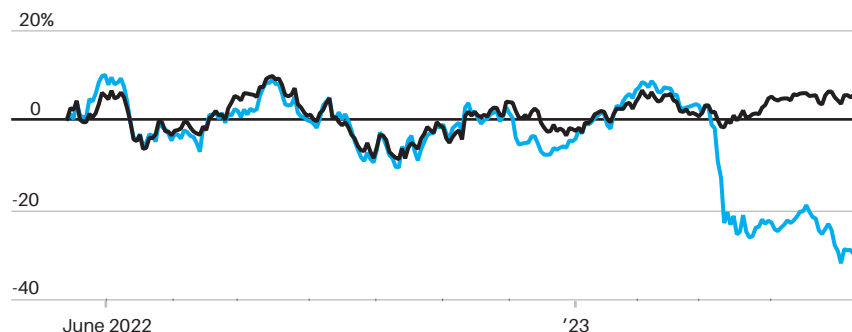
California's financial regulator, which oversaw SVB, says it will increase scrutiny of banks with more than \$50 billion in assets. Uninsured



Hard Landing

Bank stocks have fallen far behind the broader market, dragged down by failures of a few major lenders.

■ S&P 500 Index ■ KBW Nasdaq Bank Index



Source: FactSet

deposits will also be more closely assessed, along with the role that mobile banking apps and social media may play in accelerating a bank run.

Analysts at KBW expect a wave of mergers, especially for banks with a sizable sum of assets in the \$80 billion to \$120 billion range. "Longer term, we believe there will be very few banks operating within this asset range," they said in a recent note.

How to Invest Amid the Turmoil

The selloff may yield profits for investors willing to hold through a downturn. The sector is off more than 25% this year, and even if a recession hits in 2024, large-cap regional banks could still deliver 15% returns on tangible common equity, estimates UBS analyst Erika Najarian. For large banks, the new FDIC fees will shave an average 4% off earnings in 2024 and 2025, she estimates, though it will cause only "modest pain."

Miles Lewis, a financial sector stockpicker for Royce Investments, points out that tangible book values—a measure of liquidation value—in many cases are below where they were in the financial crisis. New regulation aimed at the larger banks is unlikely to touch the smaller banks in a material way, he adds.

One stock he likes is **BankUnited** (BKU). The East Coast regional lender has a big presence in Florida and New York, and could benefit from Signature's demise by picking up commercial accounts. The stock is down 51% this year on fears of a deposit flight, pushing it to 50% of tangible book value; Lewis thinks that it will rebound and expects the bank to cover its dividend, recently yielding 6.5%.

Valley National Bancorp (VLY), based in New Jersey, is another one he favors. It was a bidder for SVB, a sign of its financial strength, and insiders have been snapping up shares, which also trade at about half of book value and with a 6.5% yield.

Home BancShares (HOMB) of Conway, Ark., has 70% of its deposits in Florida and Texas—markets with healthy economies and population growth. It trades slightly above book value around \$20 a share, which gives it currency for acquisitions. "This is a port in the storm," Lewis says.

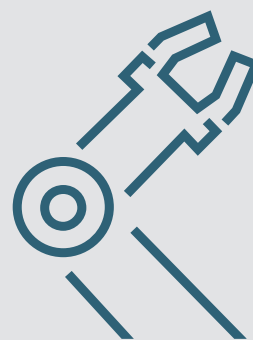
Steven Alexopoulos, a bank analyst at J.P. Morgan, recently upgraded **Western Alliance Bancorp** (WAL), **Zions Bancorp** (ZION), and **Comerica** (CMA) to Overweight. All have been caught in the regional-bank storm, tanking their stocks. But it "won't take much to see a significant intermediate-term favorable rerating," he says, referring to upward revisions of valuations.

There is also the newly enriched king: JPMorgan. The bank added \$103.9 billion in deposits from First Republic, taking its total above 10% of the U.S. total. The firm added an advisory business for wealthy clients, and said the deal would lift net income by \$500 million a year. That's incidental for the firm, which booked \$12.6 billion in net income in the first quarter.

The stock trades at 9.5 times estimated 12-month earnings, a 20% discount to its five-year average. Like other banks, it should rally on signs of a Fed pivot to lower rates. Investors can pick up a 2.9% dividend yield while waiting for better days ahead. **B**

For a take on regional banks' dividends, see page 23.

Think Beyond Ordinary Tech Funds



Robotics & Artificial Intelligence ETF

BOTZ

GLOBAL X
by Mirae Asset

1 (888) 493-8631
GLOBALXETFS.COM

Beyond Ordinary ETFs®

Investing involves risk, including possible loss of principal. The Fund invests in companies engaged in Information Technology, which can be affected by rapid product obsolescence and intense industry competition. BOTZ is non-diversified.

Carefully consider the Fund's investment objectives, risk factors, charges and expenses before investing. This and additional information can be found in the Fund's full or summary prospectus, which are available at globalxetfs.com. Read the prospectus carefully before investing.

Shares of ETFs are bought and sold at market price (not NAV) and are not individually redeemed from the Fund. Brokerage commissions will reduce returns. Distributed by SEI Investments Distribution Co.



Nintendo Is Playing A Whole New Game

Super Mario Bros. hit the scenes in 1985, creating a lifetime of loyalty for Nintendo. Now, films and theme parks are bringing in a new generation.

BY CONNOR SMITH
AND TAE KIM

For decades, **Nintendo** has taken a singular approach to business: making the best videogames possible. The narrow model has frustrated analysts and investors, who have seen a treasure trove of much-loved characters and intellectual property—Mario, Luigi, Donkey Kong, Peach, Zelda, Kirby—just waiting to be unleashed.

Nintendo's fans are finally getting their wish. *The Super Mario Bros. Movie* has given Nintendo its first massive hit outside the gaming space. The movie, released in early April, has grossed \$1.16 billion across the world, already eclipsing blockbusters like *Minions* and *Captain America: Civil War*, according to Box Office Mojo.

The movie should boost interest in Nintendo's nascent theme park efforts. Comcast's Universal theme parks in Japan and California have Super Nintendo World areas, with a third one planned for Orlando.

The games still matter, too. Nintendo just released *The Legend of Zelda: Tears of the Kingdom*, which should be Nintendo's biggest software release in years.

All of the buzz is a precursor to the main event: a new Switch console, probably out in the next two years. Investors shouldn't wait to buy the stock.

Nintendo's American depositary shares (ticker: NTDOY) are up just 0.9% this year, lagging behind the Nasdaq Composite's 17.8% run. The performance suggests that investors have yet to embrace Nintendo's growing appeal. The release of *Zelda* could be the first of several catalysts for the stock in the year ahead.

"I think the positivity around the name improves because *Zelda* has a

chance to be one of the top-selling games you've ever had on the Switch," says Wedbush Securities analyst Nick McKay.

Over the longer term, the *Mario* movie encapsulates Nintendo's staying power and unique roster of content.

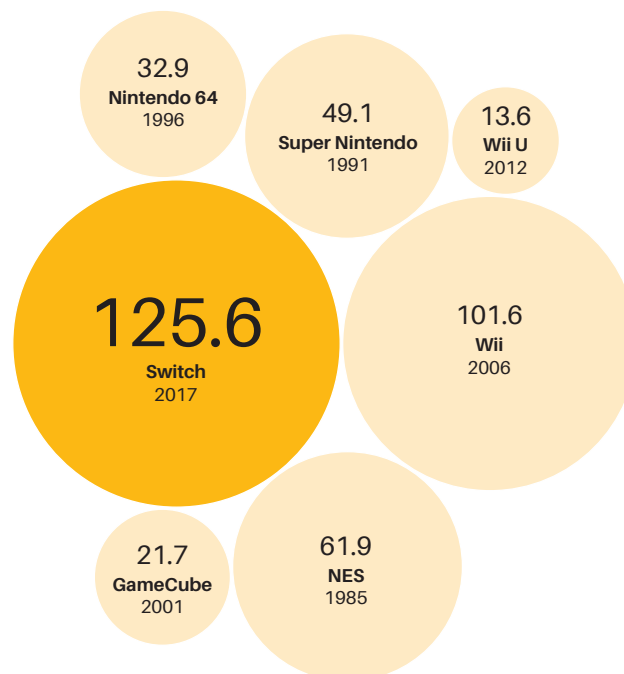
"When you look at a character like Mario, you look at a universe like the Super Mario World universe, it is so attractive because it is so universally accessible for generations of consumers," says Julia Alexander, director of strategy at media research firm Parrot Analytics.

The original *Super Mario Bros.* hit the scenes in 1985, creating a lifetime of loyalty to Nintendo. Those consumers

Nintendo Is Winning the Long Game

The Switch is Nintendo's best-selling home console ever. It has helped to expand the company's market across the world.

Units sold (in millions) and U.S. release date



Note: Data as of March 31, 2023.

Source: company reports



are now buying Nintendo games for their children—and grandchildren.

"For Nintendo, the film aspect of this is a chance to expand its general audience even more, and to really double down on the adoration that consumers feel for its brand," says Alexander. "The goal is to monopolize attention across active and passive and immersive entertainment."

Nintendo has always been conservative about how it drives interest to its games, but the *Mario* movie's success could finally spur management to take more risks. **Walt Disney** (DIS) has found huge success in creating a fly-wheel effect, with movies driving interest to theme parks, driving interest to merchandise, which all drives interest back to movies.

Nintendo has more than just Mario and Zelda to work with. Other properties that could work in film and TV include *Donkey Kong*, *Pikmin*, *Metroid*, and *Kirby*. *Barron's* highlighted these franchises in December 2021, when Wall Street was buzzing about "the metaverse." The movie and the new theme park expansions represent key steps successfully taken since then, though Nintendo will need to be careful with its partners to ensure it doesn't dilute its brands.

"In order to have a franchise last 40, 50, 60 years and to continue to feel fresh for new generations, there has to be new experiments made with the way that these things are released," Alexander says. "While gaming will keep it fresh when they experiment with different formats within different

videogames, you also have to experiment with new ways to access new audiences. So, that's what the film really represents."

On the gaming side, conditions are somewhat challenging, and that seems to have unnerved investors. The console gaming software market declined an estimated 4.2% in 2022, to \$51.8 billion, according to a report from market research firm Newzoo.

On Tuesday, Nintendo reported a 6% decline in revenue for its 2023 fiscal year ended in March and a 15% drop in operating profit. Switch console sales fell by 22%, to 18 million units, for the same period.

The lukewarm results may actually be good news for investors. As the Switch enters its seventh year, its faltering sales makes it more likely that Nintendo quickens the launch of its next console, a move that is likely to trigger stock gains. Nintendo released the Switch in 2017 as its first hybrid console, allowing gamers to play the system at home through a dock connected to a television or on the go as a handheld. The Switch has sold more than 125 million total units, surpassing the Nintendo Wii as Nintendo's best-selling home console. Typically, the company launches a new home hardware platform every five to six years. The Switch's success allowed the company to extend that timeline, but Nintendo won't sit still for much longer.

The company didn't respond to a request to discuss its timeline and strategy.

Jefferies analyst Atul Goyal says



there is a 70% probability the next console will be released this fiscal year, which ends in March 2024, and a near 100% chance by next fiscal year. Historically, new consoles have been released with big Nintendo franchise games, which tend to spark increased revenue and profits in the 12 to 24 months following the console launch, he says.

None of those gains appear reflected in Wall Street models—or Nintendo's stock. For the current fiscal year, analysts forecast a 20% drop for earnings. A surprise Switch release could boost profits by at least 30%, depending on the launch date, Goyal says.

As investors await the launch, shares of the Kyoto, Japan-based company's American depositary receipts have struggled, down nearly 35% from their early-2021 highs. Wall Street expects a profit decline for each of the next two fiscal years. Even with these conservative estimates, the stock currently trades at a reasonable 19 times 2024 fiscal year earnings, or just 14 times after subtracting the company's large pile of cash.

But a launch would probably send the stock to new highs. The 30% annual earnings boost estimated by Goyal in year one of

a new console could easily extend into a second year, given the flood of new games and increased buyer interest. Assuming that Nintendo's stock maintains an undemanding multiple of roughly 20 times, the new console could drive the stock 70% higher, from around \$10.50 recently.

And there's reason to believe that the next console cycle could do even more for the stock, since game purchases are increasingly digital, with incremental opportunity for paid updates and downloads over time. That is boosting profits and margins for game makers.

There is a risk: Nintendo's console hex. The company has followed a bizarre back-and-forth pattern from success to disappointment for the past two decades. The poorly selling GameCube in 2001 was followed by the megahit Wii in 2006. Then, a big drop-off for the Wii U in 2012 was succeeded by the flourishing Switch. If this pattern holds, the next console will be a flop. But the hex is likely to be broken. Nintendo's console performance has been inconsistent because the company has made dramatic changes to its hardware with each generation. But the Switch has been so triumphant that there's a clear path to create a successor with improved technical capabilities, without taking huge creative risk.

Goyal believes that Nintendo's next piece of hardware will be similar to the Switch and be "backward compatible" with current-generation software.

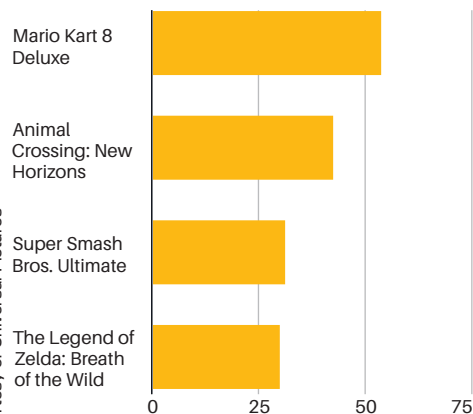
Meanwhile, Nintendo's conservative nature has made for a pristine balance sheet, with \$14 billion in net cash that helps to secure a 2.6% dividend yield. Nintendo's market value of \$50 billion looks too low, given that Microsoft has agreed to pay \$69 billion for Activision Blizzard, a videogame firm with weaker titles than Nintendo's and less proven staying power.

Nintendo is unmatched when it comes to its stellar brand, customer loyalty, and decades-old franchises. Gamers are keen for a new console, but it is investors that are likely to be the biggest winners from Nintendo's next hit. **B**

Mario and Friends

Nintendo's top-selling games continue to be driven by the company's unique characters and intellectual property.

Units sold (in millions)



Note: Data as of March 31, 2023.

Source: company reports

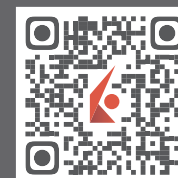
**IBKR pays up to USD 4.58%
on instantly available cash in
your brokerage account**

Broker	Interest Rate
☐ E-Trade	0.01%
☒ Interactive Brokers	4.58% ¹
☐ Schwab	0.45%
☐ TD Ameritrade	0.35%

Move your account to IBKR now!

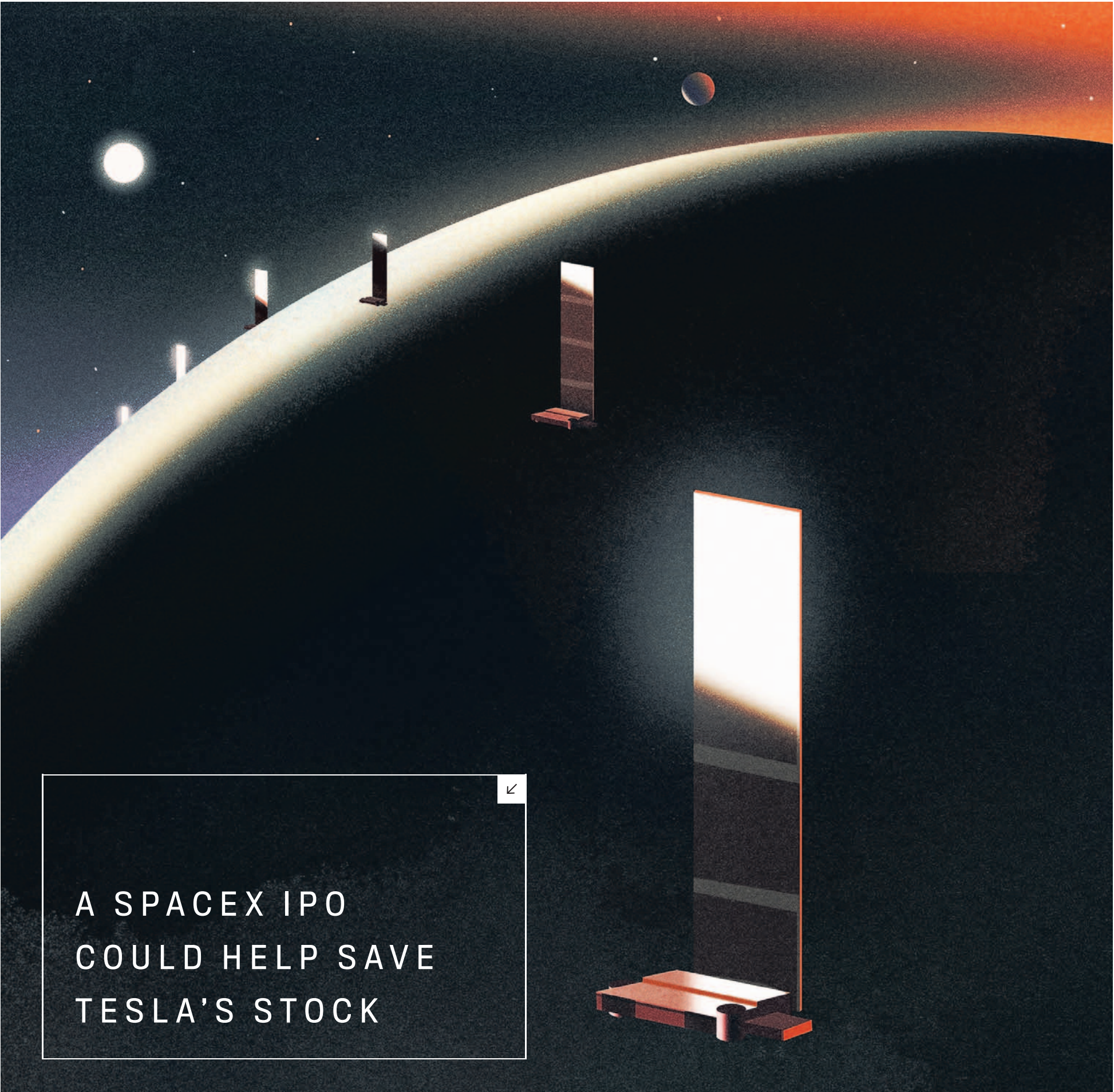
**Interactive
Brokers**

ibkr.com/earninterest



Member NYSE, FINRA, SIPC. Supporting documentation for any claims and statistical information will be provided upon request. Competitor rates and offers subject to change without notice. Services vary by firm. [1] Rate shown applies to IBKR Pro clients only. Positive settled cash balances held in the securities segment of accounts with NAV > 100k earn the stated interest rate 5/5/2023 and those with NAV < 100k earn a proportional rate. Cash held in the commodities segment of an account does not earn interest. For more information, see ibkr.com/interestpaid

05-IB23-1623-HP



A SPACEX IPO
COULD HELP SAVE
TESLA'S STOCK



An IPO of SpaceX's Starlink satellite unit could raise billions of dollars and give Elon Musk another source of funds outside of Tesla stock to invest in Twitter and other endeavors.

→ BY AL ROOT

→ ILLUSTRATION BY
IBRAHIM RAYINTAKATH



SPACEX IS THE MOST VALUABLE SPACE COMPANY IN THE WORLD—AND IT MIGHT OFFER ELON MUSK THE KEY TO

unlocking his empire.

It's hard to feel pity for the world's second-richest person. Musk is estimated to be worth about \$180 billion, the combined value of his stakes in **Tesla** (ticker: TSLA), SpaceX, Neuralink, the Boring Co., and Twitter, among other investments. The problem, though, is that all but Tesla are privately held, and therefore illiquid. When Musk needs money, his only option is to sell Tesla stock. That was the case from April to December 2022, when Musk was forced to sell some \$23 billion in Tesla shares to keep Twitter afloat, one of the reasons the stock tumbled more than 50% during that period. What Musk really needs is another publicly traded company that would allow him to unlock some of his wealth—and take the pressure off Tesla.

And that's where SpaceX comes in. To call the company wildly successful would be an understatement. SpaceX has been sending astronauts to the International Space Station and surrounding the Earth with its Starlink satellites, and has even revived the U.S.'s moribund space program and restored it to global launch dominance. Its businesses are starting to make money, too. Each launch could

bring in from \$150 million to \$300 million in sales, and Starlink was sporting one million subscribers at the end of 2022. An initial public offering isn't out of the question, and it might be just what Musk and Tesla shareholders need.

"I am confused [as] to why the board of directors allowed Elon to crash Tesla's stock price," says Leo Koguan, Tesla's third-largest individual investor behind Musk and Larry Ellison. "Why not sell shares of SpaceX?"

Why not, indeed. Don't let the recent explosion of SpaceX's Starship fool you—SpaceX is light-years ahead of the competition. Right now, the focus is on its Starship launch system, the largest ever built, with more than double the payload capacity of the National Aeronautics and Space Administration's Space Launch System, or SLS, which is part of the Artemis program to return U.S. astronauts to the moon. Starship is the first system designed to be fully reusable, moving beyond the current SpaceX system, where only the lower stage gets reused. Success would mean larger payloads and lower costs, making Starlink and other space-based businesses more competitive.

"We believe that a successful orbital launch of SpaceX's Starship vehicle could be the most important event in the formation of the space economy since Sputnik launched in 1957," notes Credit Suisse analyst Scott Deuschle. He says that a combination of size, reusability, and ease of manufacturing could drop the cost of reaching a low Earth orbit by a factor of 30.

The first integrated test with both halves of the unmanned Starship ended with a "rapid, unscheduled disassembly" event, SpaceX lingo for when something blows up. But failure isn't a bad thing. SpaceX has launched more than 220 rockets in its 21-year history, and blown up several of them before the technology to reuse rockets was mastered.

The reusability and development strategy is far different from the strategy used by United Launch Alliance, jointly owned by **Boeing** (BA) and **Lockheed Martin** (LMT), which aims for perfection, adding costs and slowing development. The traditional space industry still doesn't reuse rockets, and the United Launch Alliance still primarily serves the U.S. government.

The strategy of actively courting failure has worked for SpaceX. Over its life, SpaceX has spent something in the range of \$10 billion, and it has a constellation of roughly 4,000 satellites, reusable spacecraft, reusable rockets, and its own launch complex in Boca Chica, Texas, to show for it.

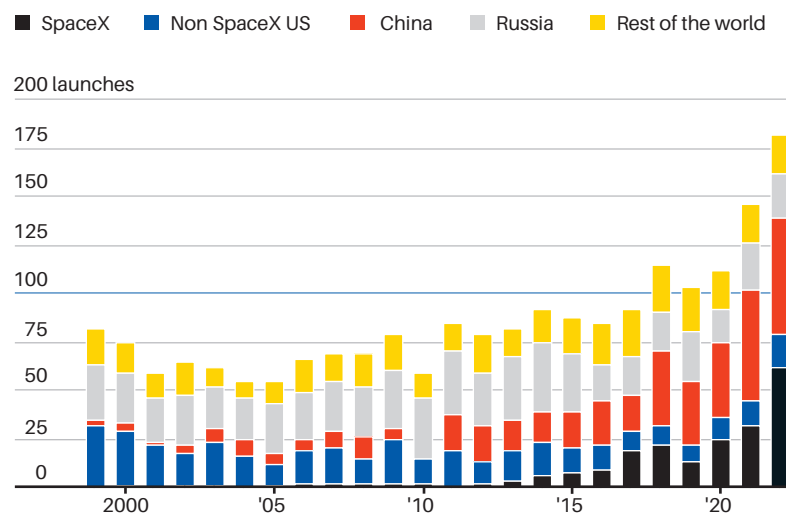
NASA, on the other hand, has spent more than \$20 billion and 11 years developing SLS, which started around the time that the famously expensive Space Shuttle was mothballed. SLS is more powerful than the rocket that took the first astronauts to the moon, but it has had just one launch since starting development in 2011. SpaceX launched 61 rockets in 2022.

"SpaceX showed that failing and trying again was far cheaper and more effective than traditional space development," says Hélène Huby, co-founder of the Exploration Co., which is working on reusable spacecraft.

The upstarts are having trouble keeping up. Richard Branson's **Virgin Orbit Holdings** (VORBQ), a satellite launch company, filed for bankruptcy in April, and shares of **Virgin Galactic Holdings** (SPCE), his space travel company, have tumbled 92% since peaking in February 2021. Companies such as **Momentum** (MNTS), **Astra Space** (ASTR), and **Spire Global** (SPIR), which came public via special purpose acquisition companies in 2021, all trade for less than \$1 a share. Even **Amazon.com** (AMZN) founder Jeff Bezos' Blue Origin, founded in 2000 with the motto *gradatim ferociter*—Latin for "step by step, ferociously"—hasn't conducted an orbital flight. Blue Origin was also late delivering engines to United Launch Alliance, and the Vulcan rocket they will be used on has yet to make an orbital flight. The company doesn't act with

SPACE RACE

The number of launches has increased dramatically over the past few years.



Source: space.skyrocket.de

the same sense of urgency as SpaceX, multiple industry professionals tell *Barron's*.

Blue Origin points out that it has conducted 23 launches of its New Shepard fully reusable vehicle that has carried more than 100 payloads and 31 people to space. And while it may be lagging behind SpaceX, there is room for more than one player, says Micah Walter-Range, co-founder of space consulting firm Caelus Partners. "Governments like to avoid monopolies," he says.

It isn't all about launches. Starlink, SpaceX's space-based Wi-Fi business, has thousands of satellites orbiting the Earth, providing high-speed internet service for about \$110 a month. The scale and growth of Starlink have the business on pace to generate sales of about \$1.8 billion in 2023, double that of 2022. And of all Musk's privately held businesses, Starlink is the one that looks most ready to stand on its own. Even Musk acknowledged as much in 2021, when he said that he might take Starlink public when cash flows are predictable—and cash flow now appears to be getting predictable.

Whether Musk should IPO Starlink comes down to how much it would fetch from investors. The private markets aren't much help. Though SpaceX was valued at \$137 billion in its last funding round, its shares haven't been changing hands on platforms that specialize in facilitating private transactions as frequently. Rainmaker Securities, for instance, has traded more than \$4 billion in SpaceX stock in transactions stretching back more than five years. Rainmaker CEO Glen Anderson has seen a troubling trend in shares recently—they aren't trading.

"Six months ago, if we got a SpaceX block, it sold in two, three days," he says. "Now, we've had SpaceX blocks on the books for two months."

It's tough to know exactly why that's the case. The easiest thing to point to is the market. The Nasdaq Composite is off more than 20% from its peak, as the Federal Reserve has raised interest rates in an attempt to lower inflation. Rising rates tend to hit richly valued stocks harder than most. SpaceX might not be publicly traded, but it is a growth company, and even private-market valuations aren't immune to the Fed.

That makes figuring out how much Starlink would be worth in an IPO even more difficult. At about \$140 billion, SpaceX is worth less than Boe-

ing's value of roughly \$170 billion, including debt and equity. It's a lofty valuation, even for a company that has perfected reusable rockets, driven down the cost of reaching space, restored America's space-launch leadership lost to China, ferried NASA astronauts to the International Space Station, and started a space-based Wi-Fi business that now has an estimated 1.2 million subscribers.

Comparables to Starlink are hard to find. There's HughesNet, which is owned by **EchoStar** (SATS) and has 1.2 million Wi-Fi subscribers. The entire EchoStar business, which also includes satellite services sold to news organizations and the government, is valued at \$1.3 billion, and the stock trades for about 23 times estimated 2023 earnings. HughesNet isn't growing, though—a big difference from SpaceX, which wouldn't be worth \$140 billion if Starlink subscribers were hitting a peak.

Verizon Communications (VZ) might be a better comparison. The company, which has 143 million subscribers, is valued at \$335 billion including debt and equity, or roughly \$2,300 a subscriber. By that math, Starlink needs to get to 50 million or 60 million subscribers to justify the total SpaceX valuation. Even that is an imperfect comparison, however, because it doesn't consider the cost of building out the Starlink network, how profitable Starlink could become, or if the company will be able to substantially lower the cost of providing high-speed internet.

Despite the uncertainty, Starlink is the business that investors are most likely to be able to purchase sooner rather than later. SpaceX is planning to build a constellation of roughly 30,000 satellites to offer its Wi-Fi service, which could take up to \$10 billion just to build based on estimates of current pricing, and a capital raise seems likely. SpaceX hasn't responded to multiple requests for comment. An IPO, even at a valuation of \$70 billion—assuming Starlink is worth half of SpaceX's total value—would help Starlink raise that money without having to go to another round of private funding.

It would also allow Musk, who owns an estimated 42% of SpaceX, to free up some \$30 billion and give him another company's shares to sell when it's time to pay taxes or buy a social-media platform. For Tesla shareholders, that would be a successful IPO, no matter the valuation. **B**

→ **Electron lifts off from Launch Complex 1 for the 'Rocket Like a Hurricane' launch to deploy satellites for NASA's Tropics constellation.**



THE NEW SPACE INVADERS

The stars are limitless, but investment opportunities are not. A guide to the stocks to watch—and which ones might emerge as winners.



→ **BY AL ROOT
AND ADAM CLARK**

SpaceX's Starship isn't the only space-related blowup recently. Space stocks, too, have crashed, and while most are never coming back, a couple might be worth buying out of the wreckage.

Space was once the next big thing in the stock market. Two years ago, special purpose acquisition companies, or SPACs, were all the rage—and space stocks used the vehicles to go public. Companies including **Astra Space** (ticker: ASTR), which provides launch services; Earth observation company **Spire** Global (SPIR); and **Momentum** (MNTS), the FedEx of space, all came public with much fanfare—and now trade for less than a buck. All told, the **Procure Space** exchange-traded fund (UFO), which counts among its largest holdings **Iridium Communications** (IRDM) and **Viasat** (VSAT)—two companies that preceded the SPAC boom—has fallen 36% over the past two years, while the S&P 500 index declined 1%.

Space could still be on its way to being a big business, even if the stocks

have flopped. ProcureAM CEO Andrew Chanin points out that the highest estimate for the "cislunar" economy—that is, all of the activity between the Earth and moon—is \$10 trillion by 2050. The increasing frequency of rocket launches, along with the shrinking size and cost of satellites themselves, are creating early opportunities in space in everything from communications applications, Earth observation, satellite services, and construction. Later, permanent moon installations and commercial space stations will provide even more opportunities for growth.

The space value chain begins with launches. In 2022, there were 186 successful rocket launches, 41 more than in 2021, according to Deloitte. SpaceX launched 61, more than a third of the total, equal to the number of Chinese launches and more than every other country combined. **Rocket Lab USA** (RKL) launched nine times in 2022. United Launch Alliance, the 50/50 joint venture between **Lockheed Martin** (LMT) and **Boeing** (BA), had eight launches. Companies can make from \$20 million a launch for sending satellites into low Earth orbit to \$300 million a launch for taking astronauts to



Want to know how much you save per trade? We break it down for you.

Schwab Order Execution Advantage™ gives you fast, high-quality order executions that can often save you money.

Price improvement
on **96%** of trades

Average savings of
\$13.43 per order

Trading at Schwab comes with a
Satisfaction Guarantee

charles
SCHWAB

It's time for a change. It's time to trade up to Schwab.
Learn more at [Schwab.com/Trading](https://www.schwab.com/trading)

Own your tomorrow.

Schwab Order Execution Advantage™: Schwab regularly and rigorously monitors execution quality among competing market venues and looks for opportunities to adjust order routing based on performance trends, technological advances, and other competitive developments.

Price improvement and savings per order based on performance for market orders in S&P 500 stocks with order size between 500 – 1,999 shares as of Q1 2023. Price improvement is not guaranteed. Past performance is no guarantee of future results.

If you are not completely satisfied for any reason, at your request Charles Schwab & Co., Inc. ("Schwab"), Charles Schwab Bank ("Schwab Bank"), or another Schwab affiliate, as applicable, will refund any eligible fee related to your concern within the required time frames. Schwab reserves the right to change or terminate the guarantee at any time. Go to [schwab.com/satisfaction](https://www.schwab.com/satisfaction) to learn what's included and how it works.

© 2023 Charles Schwab & Co., Inc. All rights reserved. Member SIPC. (1020-0FGS) ADP112284-00

the International Space Station.

While launches get the most attention—who doesn't thrill at the sight of a rocket leaving the pad?—satellites are where the money is right now. Look at the sky on any given night and it shouldn't be more than 15 minutes or so before one streaks across your field of view. There are now an estimated 7,800 functional satellites in space, a number that's growing all the time. According to the Space Foundation, a nonprofit organization, operators deployed 2,354 spacecraft in 2022, a 36% annual increase.

Most of those fleets are made up of small, commercial satellites that can cost up to \$100,000 each. While they have shorter life spans than traditional geostationary satellites, their comparatively low cost makes them easier to upgrade. It's a dynamic seen firsthand by Jay Monroe, who has been involved in the space business since he led a rescue of satellite communications provider **Globalstar** (GSAT) from bankruptcy in 2004 and now serves as its executive chairman. The company is planning the launch of 17 satellites by the end of 2025 to replenish its fleet. Monroe estimates that it will cost \$500 million in total, with some support coming from **Apple** (AAPL), in exchange for reserving capacity for emergency messaging on new-generation iPhones.

"If you look back at Globalstar's first constellation, which began launching in 1998...those would have cost a multiple of what we're spending today to do the same technical function," he says.

All of those satellites are unlocking other opportunities. SpaceX and

Globalstar aren't the only companies trying to connect cellphones to satellites—other projects are under way by Iridium and **AST SpaceMobile** (ASTS). Satellite broadband will represent 50% of the projected growth of the global space economy by 2040, according to analysts at Morgan Stanley.

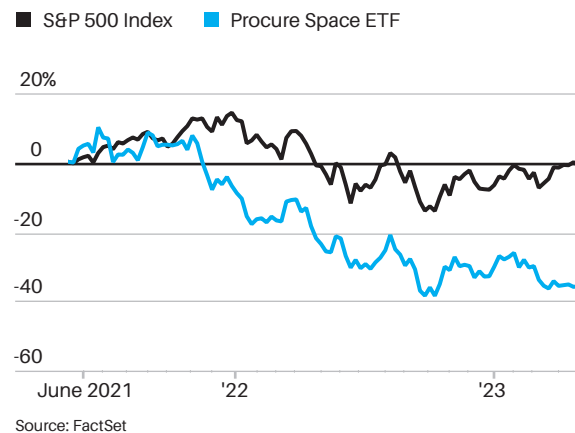
"This is a trillion-dollar market opportunity," says Mark Boggett, CEO of space-focused venture-capital firm Seraphim Space, which has a portfolio of 105 investments, including AST SpaceMobile. "This has the potential to turn one of the most important industries on its head."

Those satellites also offer the ability to monitor what's happening on Earth, with Russia's invasion of Ukraine just the latest example. Artificial-intelligence tools could unlock new uses for satellite-generated data in areas such as climate-change monitoring, supply-chain planning, and military operations. The market for data and services from Earth-observation companies is set to reach \$7.9 billion by 2031 from \$4.6 billion in 2021, according to research firm Euroconsult.

Big business doesn't guarantee good stocks. When *Barron's* put space on its cover in 2021, the excitement was palpable partly because a boom in capital raising by SPACs was providing cash to a bevy of space start-ups, including Rocket Lab, **BlackSky Technology** (BKSY), and others. The combined market capitalization of the new public companies was roughly \$25 billion, while SpaceX was worth about \$75 billion, giving them a combined value of \$100 billion. The same group of space stocks plus SpaceX is now worth

LOSING ALTITUDE

Space stocks have underperformed the S&P 500 over the past two years.



about \$145 billion, up 45%. Only now, SpaceX is worth roughly \$140 billion, and the rest have lost 90% of their value from their record highs.

Today, most of the space start-ups look too risky for investors. The space companies that IPOed via SPACs are expected to generate less than a third of the sales they predicted when they went public, based on Wall Street's current projections. Start-ups such as Momentus, Astra, and Spire are now trading below \$1, putting them at risk of being delisted.

But even companies that have been at it for a while have to deal with the high costs and limited life spans of what they produce. For every winner like Iridium, which has gained 69% over the past two years, there's a company like Viasat, which has fallen 25%. They're also businesses that might do better without the scrutiny of public markets—one reason, perhaps, that Maxar Technologies, which provided imagery of Ukraine early in the war, was acquired earlier this month by a group led by private-equity firm Advent International for \$53 a share, which values the entire company at \$6.4 billion, or about 50 times estimated 2024 earnings.

There are two standout start-ups from the initial batch of 2021 SPACs. Rocket Lab, whose shares have dropped 59% to a recent \$4.10 over the past two years, provides launch services and makes its own satellites, giving it multiple ways to win. "When you look at all the satellites launched over the next decade or so, there's a real need for a...constellation-building

machine," says Rocket Lab CEO Peter Beck.

In other words, finding the right investments isn't as simple as buying a basket of stocks and waiting for prices to rise. "Space is hard and capital intensive," writes Citigroup analyst Jason Gursky. "The science of designing survivable spacecraft is not easy. Delays are frequent. Launches explode."

That's showing up in Rocket Lab's numbers. The company is expected to generate about \$290 million in 2023 sales, about 8% better than the company forecast when it went public back in 2021, making it one of the few SPACs to offer realistic revenue goals. BofA Securities analyst Ron Epstein projects \$320 million in 2023 sales. He rates shares Buy and has a \$13 price target, up about 217% from recent levels. That might be aggressive, but even a rise to the average analyst price target of \$8 a share would imply a gain of nearly 100%. The stock trades at six times 12-month forward sales of \$336 million, a reasonable valuation for a company that has a chance of becoming profitable.

Earth-imaging company **Planet Labs** (PL) also looks interesting. It has more than 200 satellites orbiting the globe every 90 minutes—satellites that are able to take pictures at higher resolutions and gather data in spectra beyond human visual perception—and is planning two new fleets. It is expected to generate about \$252 million in 2023 sales, about 13% below the \$289 million it projected in 2021, but still better than the average 2021 space start-up, which missed 2023 projections by about 63%. Planet Labs is also on track to generate positive earnings before interest, taxes, depreciation, and amortization, or Ebitda, by calendar-year 2024 and positive free cash flow by 2025. It also ended 2022 with more than \$400 million on its books, enough to operate for four to five years at its current cash burn rate.

Citi's Gursky likes the stock for its revenue growth, which he expects to compound by 29% through 2026, and its potential for profit in the years to come, even if he worries about the spending it needs to do to launch more satellites. "With that said, there is still enough upside to our price target to justify a Buy rating," writes Gursky, whose \$6 target is up 48% from a recent close of \$4.06.

Just remember, space is a risky business. Blowups come with the territory. **B**



→ Two Planet Dove satellites being deployed from the International Space Station in 2015.

SIZING UP SMALL-CAPS

Battered Topgolf Callaway Is Worth a Shot

After plunging, the pure-play golf stock looks inexpensive, with fun-filled allure for both the "off-course" and conventional golfer

BY LAWRENCE C. STRAUSS

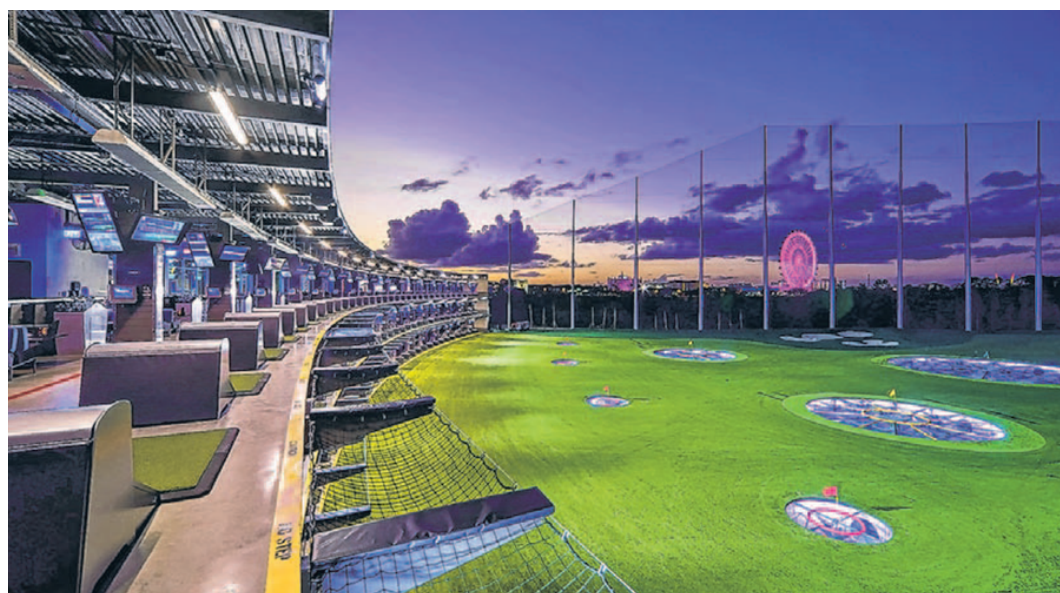
Fans of **Topgolf Callaway Brands**, one of the few pure-play golf stocks, think it can deliver the investment equivalent of a hole-in-one. But lately, the performance of its shares has resembled a poorly struck shot into the deep rough.

The stock (ticker: MODG) cratered by 13%, to \$18.80, on May 10, the day after Topgolf reported first-quarter results, and closed on Friday at \$17.28. While earnings, at 17 cents a share, beat the consensus 15 cents estimate, the positive news was accompanied by reduced guidance for one segment of operations, and Wall Street likes lowered guidance the way players in the PGA tournament, which starts next week, like sand traps and water hazards.

However, the bull case remains. Jonathan Boyar, president of Boyar Intrinsic Value Research, says the selloff makes Topgolf Callaway more attractive. "It's just giving investors a great entry point to own a fast-growing business," he contends.

That business has three segments:

The Topgolf unit operates driving ranges where people can compete against one another or just hang out. These feature the company's Top-tracer ball-flight tracking technology, and include hitting bays, bars, dining areas, and special-event spaces. Stay-at-homes can play Topgolf's *World Golf Tour* videogame.



The driving ranges attract both "on-" and "off-course" golfers (those who don't want to venture onto an actual course). They draw in families, too. On a recent Sunday morning at Topgolf's Edison, N.J., venue, a gaggle of children were hitting shots during a birthday party. A few bays away, two adults were having a great time hitting most of their balls 50 to 100 yards—not far, but no one seemed to care. The average age of an off-course-only golfer is 31, compared with 46 for the on-course cohort, according to the National Golf Foundation. The off-course population also skews more heavily toward women and minorities.

Topgolf's second business segment, Golf Equipment, sells clubs and balls, marketed under brands including Callaway, Odyssey, Strata, and the newest: Paradym.

The third segment, Active Lifestyle, offers apparel, footwear, and golf accessories such as bags, gloves, hats, and other items under the Callaway, Jack Wolfskin, and TravisMathew brands.

The quarter's problem child was the corporate-event business, which accounts for about 20% of the Topgolf unit's revenue. Same-venue sales growth this year is expected to be in the mid- to high-single digits. Prior guidance was for high-single digit gains.

That aside, there's a lot to like about Topgolf Callaway, especially in the longer term. In the quarter, the Carlsbad, Calif., company's year-over-year same-store sales grew 11% at its ranges. And first-quarter results were aided nicely by the new Paradym brand.

The company's driving ranges typically include bars, restaurants, and lounges, plus electronic systems that measure a drive's length, speed, hang time, height, and curve.

CEO Chip Brewer cautioned analysts on the quarterly earnings call that the corporate-event business' woes don't change the company's up to \$640 million estimate of 2023 earnings before interest, taxes, depreciation, and amortization, or Ebitda. "I don't want to give you the impression that this just fell off a cliff," he said.

Randal Konik, a Jefferies analyst who has a Buy rating on the shares, points out that key parts of the business-event segment remain strong, notably walk-in customers and small-business events.

Formerly named **Callaway Golf** and famed for high-end equipment such as its signature Big Bertha drivers, the company in 2021 acquired privately held Topgolf Entertainment Group for about \$2.5 billion in an all-stock deal.

Topgolf now operates about 80 high-tech driving venues around the

country, in major markets such as Los Angeles and Philadelphia, and in smaller ones, including Boise, Idaho. It also has a few ranges overseas. The venues, which have a sports-bar feel, feature wraparound couches and raised tables in individual bays where up to six customers can play together.

Topgolf's ball-tracing technology quickly reports the length, speed, hang time, height, and curve of every shot on a screen in each bay. There's a full menu of drinks, comfort food such as nachos and chicken wings, and plenty of TVs airing sports programming.

The Topgolf buy provided much-needed spice to the company's growth profile. It has been adding about 11 venues every year in the U.S., most recently in Charleston, S.C., and plans to continue that pace until it hits 250.

"You've got a very solid golf-equipment business that generates a good amount of cash flow, but at the same time, the growth engine is going to be Topgolf for the next decade-plus," says Joe Altobello of Raymond James. Although he cut his price target to \$30 from \$35 recently, he has kept his Outperform rating. That's based on a blended multiple of 12.5 times projected Ebitda—16 times for the faster-growing Topgolf business, and 10 times for the legacy Callaway operations.

The Topgolf segment's Ebitda totaled \$235 million last year, about 42% of the company's total. The company has said that it expects that segment to chip in about half of this year's Ebitda. Brewer told *Barron's* after the earnings call that he expects that "Topgolf will be the majority of our Ebitda and revenue at some point in the near future."

Golf, which struggled in 2000-10, ended a long slide in 2015, measured by rounds played. And it got a big boost in 2020 and 2021, during the worst of the pandemic, since it's played outdoors and players can easily maintain social distancing. While rounds played in the U.S. were about flat in the first quarter, they're still well above 2019's prepandemic level, according to the National Golf Foundation, which won't divulge specific totals.

CEO Brewer estimates that the addition of 11 Topgolf venues each year will add three million to four million new off-course golfers to its mix.

All in all, once it gets out of the bunker it's currently in, Topgolf stock should land squarely on the green. **B**

Topgolf Callaway Brands

Golf equipment, accessories, and entertainment company

Headquarters:
Carlsbad, Calif.

Recent Price: \$17.59

YTD Change: -11%

2023E Sales (bil): \$4.4

2023E Net Income (mil): \$124

2023E EPS: \$0.67

2023E P/E: 26.4

Market Value (bil): \$3.3

Dividend Yield: None

E=estimate

(MODG / NYSE)



Source: FactSet

FUNDS

Fund manager Chris Pearson notes that a high percentage of companies in the Russell 2000 are **unprofitable**. "We way over-index to profitability,"

2 Small-Cap Funds That Could Ride Market's Next Move

The start of the year looked great for stocks of smaller companies as they led the market's January rally after a brutal 2022. What no one saw coming is that a regional banking crisis in March would drag down returns of the small-cap index and send jitters throughout the market.

It may be time to buckle up, as small-cap stocks could be poised to take off again.

The near-term outlook for small companies is still bumpy, with lingering worries about the economy, tighter credit conditions, and the health of regional banks. But history tells us that small-cap stocks tend to underperform going into a recession and outperform coming out of one. There's also the small-cap effect to consider: the tendency of small companies to produce higher average returns than large ones over long periods.

Jill Carey Hall, head of U.S. small- and mid-cap strategy at Bank of America, says the firm's economists are calling for a mild recession this year, beginning in the third quarter and lasting till early next year. The market usually bottoms before the economy—about six months before the recession is over—and "small-caps usually bottom around the same time as large-caps and then outperform off the bottom," she says.

Investors should take the long view when it comes to smaller companies. "There is certainly more potential for some downside risk near term," says Hall. "But if you do have a longer time horizon and can potentially withstand



BY LAUREN FOSTER

some further potential downside or volatility, the longer-term multiyear backdrop for small-caps does look attractive." About 8% of the Russell 2000 small-cap index is composed of regional banks, compared with 1% for the broader S&P 500. While that's not a big chunk of the index, "it is significantly larger than the exposure in the large-cap index," she says.

With so much turmoil in the markets, the coming months could be a time for active managers to shine. "Valuation dispersion is very high, with very cheap and very expensive stocks, and that presents opportunities for fundamental value investors to do stock-picking," says Hall.

Indeed, some managers are outperforming—and banking on better days for the sector. One of those is Chuck Royce, chairman and portfolio manager at Royce Investment Partners, a unit of Franklin Templeton.

Royce is well known for its long-standing focus on the small-cap sector. Its flagship strategy, the \$1.6 billion **Royce Pennsylvania Mutual** fund (ticker: PENNX), has outperformed the Russell 2000 for the one-, three-, five-, 10-, 15-, 20-, 25-, 35-, and 40-year periods ended March 31. For the year through April 30, the fund was up 5.78%, according to Morningstar Direct, handily beating the Russell 2000's gain of 0.89%.

Royce, who has helmed the fund since its 1972 launch, says his team of managers scours the small-cap universe for businesses that look mispriced and underappreciated. "They must also have a discernible margin of safety" to allow them to withstand challenging periods, he says. That is most commonly found in a strong balance sheet, which should allow a company to not only survive short-term difficulties, but also position it to take market share from less conservatively capitalized competitors, he adds.

The fund takes a multidiscipline

approach that offers exposure to strategies that have tended to perform well in different market environments, including high quality—companies that have high returns on invested capital, low-debt balance sheets, and are generating free cash flow—emerging quality, traditional value, and quality value. The fund, which holds nearly 300 stocks, has long favored cyclicals—the most economically sensitive stocks—including industrials and tech stocks.

On the other end of the spectrum, with only 28 stocks in its portfolio, is the Morningstar five-star-rated **Davenport Small Cap Focus** fund (DSCPX), which returned 9.07% through the end of April. The fund, which has nearly \$600 million in assets under management, has consistently outperformed most of its rivals, ranking in the top quartile over one, three, and five years. Over five years, it beat 99% of its category peers, according to Morningstar.

Portfolio co-manager George Smith says the fund focuses on "unique and underfollowed businesses that have idiosyncratic growth drivers." Its top two holdings are **NewMarket** (NEU), which produces additives for motor fuel, and **Monarch Casino & Resort** (MCRI), which the fund first bought in 2015. NewMarket stock is up 18% over the past 12 months, while Monarch is up 1.5%.

The fund's consistent performance, adds co-manager Chris Pearson, is a function not only of the companies it owns, but also those it has avoided. "We have a strict discipline around high-quality businesses that generate substantial amounts of free cash flow and have capable management teams that can reinvest that cash at higher rates of return," he says. "We do not chase momentum."

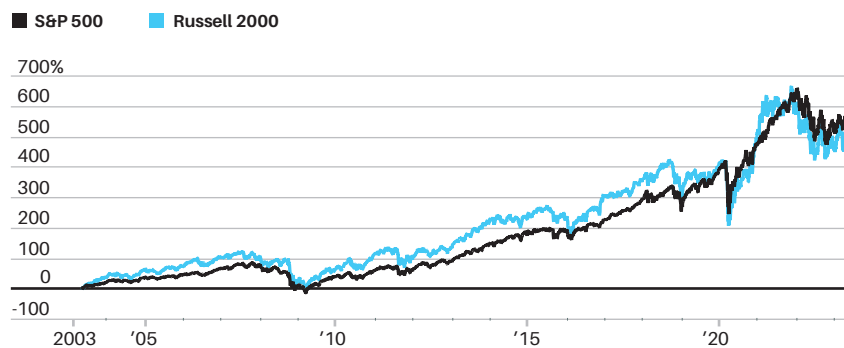
Pearson notes that a high percentage of companies in the Russell 2000 are unprofitable. "We way over-index to profitability," he says. "Insider ownership is another element of our strategy that we emphasize." At Monarch, "insiders own north of 20% of the company," he says. The company has "a rock-solid balance sheet" that allowed it to weather the pandemic. **B**

Small Wonders

These two funds are sound ways to play a rebound in small-cap stocks.

Fund / Ticker	Total Return			AUM (bil)	Expense Ratio
	1-Yr	3-Yr	5-Yr		
Royce Pennsylvania / PENNX	4.0%	14.8%	6.2%	\$1.6	0.96%
Davenport Small Cap Focus / DSCPX	7.2	17.1	11.4	0.6	0.89
Russell 2000 Index	-3.2	11.0	3.4		

Small-cap stocks have lagged behind the broad market over the past two decades.



For more small-cap stock picks, see page 26

INCOME INVESTING

Regional Bank Dividends Look Stable—for Now

BY LAWRENCE C. STRAUSS

Despite fire-sale yields around 9% for several regional bank stocks recently, the group's dividend prospects look relatively stable right now.

True, their stocks have been volatile, amid concerns about further contagion in the sector. One of the latest causes of concern, Beverly Hills, Calif.-based **PacWest Bancorp** (ticker: PACW), saw its stock tank on May 4 after reports that it was looking at strategic options. The shares fell 51% that day, only to rebound 82% on May 5. PacWest then slashed its quarterly dividend to a penny a share from 25 cents, in what the bank's CEO, Paul Taylor, called "a prudent step to accelerate our plans to build capital."

PacWest is now down 70% for the year.

Other regional banks stocks haven't been as volatile, although concerns about the stability of their deposits have dogged them since Silicon Valley Bank went belly up in March.

Bank stocks broadly took a big hit in the week PacWest was cratering, with the **SPDR Regional Banking exchange-traded fund** (KRE) losing 10% of its value. On May 4, shares of **Zions Bancorporation** (ZION), a Salt Lake City-based regional bank were yielding 8.6%, **Comerica** (CMA), based in Dallas, was at 9%, and Cleveland-based **KeyCorp** (KEY) was at 9.2%.

Those dividend yields have since come down a bit as the stocks recovered some ground.

Analysts polled by FactSet expect KeyCorp to pay out dividends this year of 83 cents a share on estimated earnings of \$1.60, a payout ratio of just over 50%. Zions should pay \$1.68 a share on estimated earnings of \$5.22, Comerica \$2.86 a share on estimated earnings of \$8.16.

All three banks rely more heavily on net-interest income than fees compared with many of their peers, according to Eric

Compton, who covers large banks for Morningstar. As interest rates have risen, banks are facing higher deposit costs—a dynamic that puts more pressure on their net interest income.

Compton, though, doesn't expect any of those three banks to cut their dividends. PacWest's dividend cut, so far, appears to be more of an outlier than a burgeoning trend for the group.

First Republic Bank, which with its focus on wealth management wasn't a pure regional bank, suspended its dividend in early April amid heavy deposit outflows. After a series of attempts to stanch the deposit outflows, First Republic was seized by the FDIC and acquired by **JPMorgan Chase** (JPM) on May 1.

In a May 9 research note, Ryan Nash of Goldman Sachs wrote that "While there is still a lot of uncertainty, we believe regional bank dividends appear safe." But he added that if the macro or regulatory environment gets worse, "banks may choose to preserve capital and cut their dividend in lieu of needing to take greater steps to strengthen their capital ratios."

In fact, most of the larger regional banks made it through the first quarter with their dividends intact. "None of the banks I cover except for First Republic were in any serious trouble," says Morningstar's Compton.

How dividends play out for the regional banks for the rest of this year hinges in large part on the economy's health. If loan growth rolls over and banks have to add a lot of capital to reserves to cover loan losses, that could put pressure on dividend payouts.

Compton expects that the regional banks he covers to maintain their dividends. But he sees them becoming more conservative when it comes to putting on dividend increases or aggressive stock buybacks.

There's still yield to be had in regional bank stocks, but investors will need to put up with continuing volatility. **B**

EXPERT ENTERTAINING SUMMER SWEEPSTAKES

Enter to win the best of Buy Side picks that will wow your guests, from a Wi-Fi enabled smart wine fridge to an outdoor movie projector.



ENTER AT [BUYSIDESUMMERSWEEPS.COM](https://buysidesummersweeps.com) BY JUNE 30.



Buy Side FROM WSJ

REVIEWS & RECOMMENDATIONS TO SAVE YOU TIME & MONEY. FROM THE WALL STREET JOURNAL.

NO PURCHASE NECESSARY. A PURCHASE WILL NOT INCREASE YOUR CHANCES OF WINNING. Open to legal residents of the 50 United States (or D.C.), [21 and over]. VOID WHERE PROHIBITED. Ends: 6/30/2023. For Official Rules, prize descriptions and odds disclosure, visit buysidesummersweeps.com Sponsor: Dow Jones & Company, 1211 Avenue of the Americas, New York, NY 10036.

© 2023 DOW JONES & COMPANY, INC. ALL RIGHTS RESERVED. 2E6088

THE ECONOMY

The Dow has what is probably the greatest mindshare of any market metric, but its market share is minuscule compared with the S&P 500.

Is the Dow Up or Down? There's Not Much Riding on It.

All of us who are investors know about the Dow Jones Industrial Average, whose daily up or down moves are usually the first number you hear or see in daily stock market reports.

But even though the Dow has what is probably the greatest mindshare of any market metric, its financial market share is minuscule compared with the trillions of dollars indexed to the S&P 500 index, created more than 70 years after the Dow was.

The most recent official numbers from S&P Dow Jones Indices showed \$7.1 trillion indexed to the S&P at year-end 2021 and just under \$40 billion indexed to the Dow. An unofficial estimate based on subsequent market moves puts that at about \$6.3 trillion indexed to the S&P and about \$37 billion indexed to the Dow.

Why is 170 times as much money tied to the S&P 500 as to the Dow? We'll look at some numbers that will tell us why.

Along the way, we'll discuss the Dow divisor, which is used to adjust the Dow whenever one of its 30 components does a stock split or a spinoff, or when new companies are added to the Dow and old ones get tossed out.

As a bonus, I'll show you how to create your own Dow by tweaking the divisor.

Here we go.

The Dow is an average based on the total share prices of its 30 components. By contrast, the S&P 500 is an index based on the market values of its 500 companies.

BY ALLAN SLOAN

Sloan is an independent business journalist and seven-time winner of the Loeb Award, business journalism's highest honor.

When the Dow was created in 1885, before computers, the internet, and instantaneous communications, the only way to calculate a market indicator was to add up its components' share prices and divide by the number of components. So that's what Charles Dow did.

However, by 1956, when the S&P 500 was launched, technology had advanced to the point that S&P could base its new market metric on companies' total stock market values rather than on their share prices.

That's why the S&P 500 is a much better, much broader market indicator than the Dow. That, in turn, is why

there's tons of money in S&P 500 index funds and only a relative pittance in Dow funds.

For a classic example of why the S&P 500 is a much more popular investment vehicle than the Dow, let's look at two of the 30 Dow stocks: **Apple** (ticker: AAPL) and **UnitedHealth Group** (UNH).

Apple, our country's most valuable stock, has a market value more than five times UnitedHealth's. But in the Dow, UnitedHealth's weight is almost three times Apple's.

That's because UnitedHealth's share price (as of May 5, the date used for most of the numbers in this article) was \$494.28 and Apple's was \$173.57. As a result, UnitedHealth's weight in the Dow was 9.67% to Apple's 3.40%, according to Howard Silverblatt, a senior index analyst at S&P Dow Jones Indices.

However, when it comes to the S&P 500, according to numbers that I got from Silverblatt, Apple (No. 1 in market value) has more than five times the influence of UnitedHealth (No. 10): 7.47% to 1.34%.

I asked Apple and UnitedHealth what they think about their spots on the Dow. Apple declined to weigh in.

UnitedHealth didn't get back to me.

Now, let me show you how to tinker with the Dow divisor, so that if you like, you can create your own Dow.

Let's say that the management of UnitedHealth decided its stock would be more attractive to investors at about \$250 rather than its current price of almost \$500 and decided to split the stock 2-for-1.

The split would have no impact on the S&P 500, because UnitedHealth's market value would be unchanged. But its weight in the Dow, according to Silverblatt, would drop to 5.06% from 9.67%. Meanwhile, the weight of the 29 other Dow components would rise to offset UnitedHealth's decline.

Nothing financial will have changed, but the influence of individual stocks—and the Dow's future numbers—will have been modified.

Now, to the Dow divisor: Dow Jones, which owns *Barron's*, spun off its index business in 2010. It is now owned by S&P. When the Dow was created 138 years ago, it was calculated by taking the sum of its then-12 components and dividing by 12. But as time went on, the folks in charge adjusted their math to keep the Dow on an even keel through stock splits, spinoffs, and changes in components.

That's done by using the Dow divisor, which is currently a wonderfully precise 0.15172752595384. Each \$1 move in any Dow component moves the Dow by 1 divided by the divisor: roughly 6.59 points.

If UnitedHealth were to split 2-for-1, the divisor would have to change to keep the post-split Dow consistent with the current Dow.

You can use the methodology in the sidebar to create your own Dow. Have UnitedHealth split 3-for-1 rather than my hypothetical 2-for-1. Add whatever stocks you like to the Dow, toss out the current Dow components that you'd like to lose, calculate the new Dow divisor, and go on from there.

To be sure, going through this exercise won't increase the value of your investment portfolio. But it makes you think, it can be fun, and it doesn't cost you any money. These days, that's a pretty good deal. **B**

Do Your Own Dow

Here is how I calculated what the new divisor would be if UnitedHealth had split 2-for-1 following the market's May 1 close. (I may be off a tiny bit because my calculator can handle only 10 digits and the divisor has 14, but you'll get the idea.)

STEP 1

Divide 1 by the divisor, and you see that each \$1 change in any component moves the Dow by **6.590761959** points.

STEP 2

The Dow closed at **34,051.70** on May 1. Divide that by the divisor, and you get a total price of **\$5166.58** for the 30 Dow components.

STEP 3

UnitedHealth closed at **\$495.70** on May 1. If it had split 2-for-1 after the close, its stock would have been **\$247.85**. The total value of all 30 components would thus have been **\$247.85** less, or **\$4918.73**.

STEP 4

Divide **\$4918.73** by the Dow's May 1 close of **34,051.70**, and you get a Dow divisor of (approximately) **0.144448882**.

STEP 5

Therefore, each **\$1** move in any Dow component would be about **6.922864242** points had UnitedHealth split, as opposed to the current **6.590761959** points.

TECH TRADER

How Google Took Back The Narrative Around AI

BY ERIC J. SAVITZ

In February, Google held what turned out to be a disastrous launch for Bard, the company's generative artificial-intelligence chatbot. The company rushed it onto the calendar just ahead of Microsoft's announcement of Bing Chat, a chatbot powered by OpenAI, the creator of ChatGPT.

Investors found the Bard event—held for some mysterious reason in Paris—as slapdash and uninspiring, and wondered why Sundar Pichai, the CEO of Google parent **Alphabet** (ticker: GOOGL), wasn't on hand. The Bing launch went much smoother, with Microsoft CEO Satya Nadella leading the proceedings.

In the two days following the Bing announcement, shares of Alphabet plunged 12%, erasing \$160 billion of market share, as investors feared that **Microsoft** (MSFT) might siphon off some of Google's massive market share in internet search.

But now the tables have turned.

This past week at the Google I/O developers conference in Mountain View, Calif., Google was back with another round of demos and announcements about artificial intelligence, and this time, the company got it right.

Pichai delivered the first part of the two-hour keynote, and he nailed it. Alphabet stock rallied 8% in two days following the flurry of announcements. Google has effectively erased Wall Street's fear that Microsoft might have gained the upper hand in AI. In fact, Alphabet shares are now higher than before rollout of the new Bing.

"Google just took that narrative back. We don't believe there will be only one AI winner," Evercore ISI analyst Mark Mahaney wrote in a research note following the Google event. "We just believe the narrative that Google would be generative AI roadkill was just plain wrong."

Google did a few things at I/O that impressed the Street.

For starters, it scrapped the wait list for

using Bard, and opened it up to users in 180 countries.

For now, Bard is only offered in English, but the company plans to expand Bard to 40 languages in the near future, starting with Korean and Japanese—and the training data for Bard now includes content in more than 100 languages.

Pichai and other presenters kept talking about Google's "bold and responsible" approach to AI software. It was a not-so-subtle dig at Microsoft and OpenAI, which have been criticized for their bots' tendency to provide inaccurate or fictional answers to certain questions. In two hours, Google execs uttered the word "responsible" dozens of times.

While there's no question that generative AI is going to change the nature of internet search, the technology has other uses. Google is adding a "help me write" feature in Gmail—give it a few details, and it will draft missives for you in various styles. Maps is adding a new feature called "Immersive View for Routes," which lets you virtually test out walking, driving, and cycling routes before you take them.

In Google Photos, a new feature called Magic Editor will enable you to take a photo, then move people around, remove things, or change the lighting. The company is also empowering Bard to provide images in response to queries—and to use images as the basis for a search.

"Google did exactly what it had to in its I/O keynote presentation," writes Doug Anmuth, an analyst at J.P. Morgan. "We come away more confident that the company is accelerating product innovation and is well positioned to capture the critical inflection in [generative AI]."

AI software has triggered a new battle for control of the internet—and the apps people use every day. It's an arms race that will be dominated by Microsoft, its partner OpenAI, and Google.

The real winner will be users, who will get far more capable and intuitive software than they've ever had before. **B**



Mansion Global Boutique has everything you need to showcase your unique style, whether it's your first home or your fourth.

mansionsglobal.com/boutique



Q&A

An Interview With **Rayna Lesser Hannaway**
Portfolio Manager, Polen Capital

Hunting for the Next Amazon And Netflix

BY JACOB SONENSHINE

Most small-cap growth investors are looking for the next great large-caps. That's certainly true of Rayna Lesser Hannaway, a portfolio manager and analyst at Polen Capital, which oversees about \$61 billion in mutual funds and separately managed accounts. The goal is to find high-quality companies early, she says, "and begin to enjoy their great long-term compounding."

Hannaway has been doing just that for more than 25 years, including the past six at Polen, where she runs about \$400 million and manages two mutual funds, the \$81 million **Polen U.S. Small Company Growth** fund (ticker: PBSRX) and **Polen U.S. SMID Company Growth** (PBMIX), a \$20 million institutional fund launched in 2021. (The acronym stands for small- and mid-cap.)

It has been a challenging few years for small-cap stocks, and Hannaway has the scars to prove it. U.S. Small Company Growth lost almost 43% last year, according to Morningstar, placing it in the fourth quartile in its category, although it was up 50% in 2020 and about 16% in 2021. The fund has returned 6.5% this year through May 9, putting it in the first quartile among its small-cap growth peers.

In an April 21 interview, Hannaway explained how she picks stocks and why she expects small-caps to rally.

She also discussed three small companies poised to grow much larger in coming years.

An edited version of the conversation follows.

Barron's: What was your path to Polen?

Rayna Lesser Hannaway: I began my career at Lord Abbett in 1996, working on their small-cap growth team. Later, I went to Jennison Associates, and then spent more than 11 years at Fidelity Investments. Before joining Polen in 2017, I took some time to pursue some of my passions, including investing in real estate and renovating homes.

In my first assignment as an analyst at Lord Abbett, I had the good fortune to cover software, internet, and IT [information technology] services stocks. It was an exciting time. I had a front-row seat to the dot-com boom and bust. I covered companies like **Amazon.com** [AMZN] and **Netflix** [NFLX] when they were small-caps. I also saw a lot of companies fail.

In hindsight, what distinguished the winners?

What impressed me then, and many times since, is that when you are investing in small companies, it is essential to focus on those built to last. In that regard, management teams are critical. Many management teams of the small-cap companies I covered had great

Photograph by **SASHA ISRAEL**



"I love high-quality companies with secular tailwinds that are superinnovative and have room to grow." Rayna Lesser Hannaway

vision, but they didn't have the skill to execute on that vision. They didn't have the necessary financial foundation or fiscal discipline. The management teams of the companies that survived that time and grew a lot larger were adaptable in the face of changing customer preferences and financial conditions. They operated from a position of financial strength and were able to get others behind them.

How do you identify future winners today?

I love high-quality companies with secular tailwinds that are superinnovative and have room to grow. That dovetails with Polen's philosophy; we own high-growth, high-quality companies and do it in concentrated portfolios. We focus on owning the 30 or 40 best names we can find, and often hold them for five years or longer.

Concentration is pretty unusual for small-cap portfolios. I believe that the only way you can have a high-quality portfolio in small-caps is by taking a concentrated approach. The benefits of diversification are often misunderstood.

We look for companies with durable competitive advantages, operating in industries that lend themselves to competitive advantages. We also want these companies to be leaders in what they do, and solve a real customer problem.

What else do you look for?

We look for companies with a repeatable sales process. I've seen many companies that got lucky. We don't want those. We want process-oriented companies that can continue their success by repeating the same steps taken to deliver success in the past.

Also, we look for a robust business model, which means the margin structure is conducive to generating a lot of cash. We want companies that are generating enough cash to fund their future growth. This is important today, when capital is hard to come by. And we like effective management teams, which have the right balance of strategic vision, executional know-how, financial discipline, and capital-allocation skills.

What metrics do you use in screen-

ing for companies?

We look at margin metrics including gross profit margin, operating margin, Ebitda [earnings before interest, taxes, depreciation, and amortization] margins, and more. The combination of several metrics and the corresponding scoring and ranking is more valuable to us than any single number. We like to invest in companies with good returns on invested capital. We consider a good ROIC to be around 15% or higher, sustained for several years. Among more-developed businesses, we like to see free-cash-flow conversion of 90% or more. That refers to how much of a company's net income is available as cash.

Screening, however, is just the beginning of our process. Many companies that stand out in screens don't make it into the portfolio because when you pull back a few layers, the drivers of growth don't look sustainable. There must be lasting competitive advantages that match our long holding period. The good thing is that with our concentrated approach, we have the luxury of saying no more often than we say yes.

Given small-cap stocks' losses in the past few years, is this a good entry point for investors?

In 2022, small-cap valuations became extremely attractive on both an absolute basis and relative to large-caps. We saw the small-cap growth universe begin to outperform large-caps starting in June. The outperformance lasted through February, which was something of a surprise to us. We have been talking for a long time about how we believe we may be on the front end of the next small-cap supercycle. In seven out of the past 10 years, large-cap growth beat small-cap growth. That equated to five percentage points of annualized underperformance from 2013 through 2022.

But what we know from looking at past cycles is that often, small- and large-caps trade off leadership. These leadership cycles last for long periods of time. Typically, leadership changes when you get a change in financial conditions, as we have recently seen. We also know from looking at past

performance that small-caps tend to do well when we're in the second half of rate-hiking cycles, and also when inflation is high but falling.

It is essential to be discerning, however, when picking small-cap companies, and I am by no means making a call to buy all small-caps. More than 40% of the small-cap universe is loss-making companies, or highly leveraged companies that need external capital to grow, or companies with inexperienced management teams that don't have the chops to navigate this tough environment. But one counter-intuitive aspect of small-caps is that the best companies can be more resilient than larger companies in the face of economic downturns. The right ones are more agile.

Let's look at some companies you own, such as Yeti Holdings [YETI]. What makes you sure it won't become just another consumer cyclical that grows slowly and faces earnings risk in rough economic cycles?

Many consumer-discretionary stocks are on sale right now, but there are good opportunities amid the pessimism. Yeti is an example, and the stock could double over the next three to five years. Yeti is a premium outdoor lifestyle brand. It is best known for coolers and drinkware, and also sells some bags and other accessories. We are excited about the brand this company has built, and its customer loyalty. We believe this gives Yeti license to innovate in new categories.

Overall, we expect low-teens annual revenue growth from Yeti over the next five years, with steady incremental margin improvements coming from a continued mix shift that we are seeing toward the direct-to-consumer sales channel. Yeti wants to own more of the customer relationship and take out the middleman. The business is capital-light and has a great return on capital. Yeti's ROIC has been temporarily depressed but is normally above 20%. It could be 20% to 30% in the future.

Five Below [FIVE], another holding, has been taking market share from competitors. How long can

this continue?

Five Below's pricing strategy, merchandising strategy, and shopping experience that appeals to younger customers allow it to occupy a unique position in the retail market. The stores are always getting new merchandise, and teens and tweens find them a fun place to hang out. The company currently has about 1,340 stores, and management is aiming to triple the store base by 2030.

As we think about long-term store growth coupled with our expectation for low- to mid-single digit comparable-store gains, we believe Five Below can compound its value at a high-teens rate over the next five years. Five Below generated about \$3 billion of sales last year. We expect that sales can double in five years. This should translate into earnings growth that could at least double in five years, given modest margin expansion as the company benefits from scale. Margins are already robust; the company has four-wall [individual store] Ebitda margins of about 25%.

What do you like about Etsy [ETSY]? E-commerce already has taken a large share from traditional retailers.

While consumer spending is slowing and Etsy is up against difficult comparisons, we are impressed that the company has been able to sustain the gains it made during the pandemic. Etsy has managed to post decent growth largely due to an increase in the take-rate it charges sellers, driven by a price increase and a higher uptake of value-added services. Most of all, we are impressed with the recent trends in active buyers and reactivated buyers and the buyer-frequency metrics, reaffirming Etsy's relevance with the consumer.

In terms of the future growth of e-commerce, this argument makes sense for more mature e-commerce players. But it likely is less true for Etsy, which is still in the early days relative to its long-term opportunity. Ultimately, Etsy could be multiples of its current size. Etsy still has large opportunities across users, categories, and geographies.

Thanks, Rayna. ■

MARKET WEEK



May 8 through May 12, 2023

Inside Scoop	P. 31
13D Filings	P. 31
Power Play	P. 31
International Trader	P. 32
Striking Price	P. 33

Charting the Market	P. 34
Winners & Losers	P. 35
Market View	P. 36
Statistics	P. 37

MARKET PERFORMANCE DASHBOARD

Dow Jones Industrials

33,300.62

52-wk: +3.43% YTD: +0.46% Wkly: -1.11%

S&P 500

4124.08

52-wk: +2.49% YTD: +7.41% Wkly: -0.29%

Nasdaq Composite

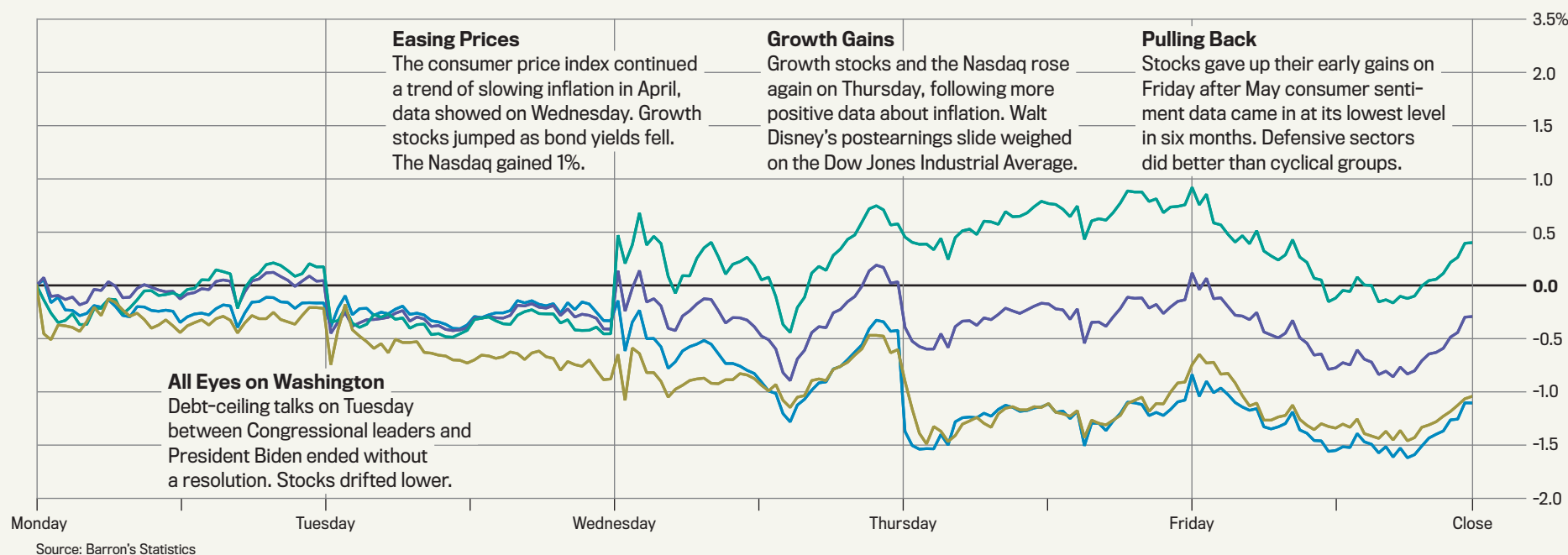
12,284.74

52-wk: +4.06% YTD: +17.37% Wkly: +0.40%

Health Care Select Sector SPDR ETF

\$132.19

52-wk: +2.79% YTD: -2.69% Wkly: -1.05%



THE TRADER

Easing Inflation Could Mean A Rally Is in The Cards

It isn't time to get bullish just yet, but darn, we're getting close.

For now, the market appears to be holding its breath. The Dow Jones Industrial Average slid 1.11% this past week, the Nasdaq Composite ticked up 0.40%, and the S&P 500 index slipped 0.29%, its sixth-straight week of moves that were less than 1% in either direction. It's as if investors are waiting for something to break one way or the other.

And it may break higher. Consider this past week's inflation data. On Tuesday, the April consumer price index showed its 10th straight month of decelerating inflation, and Wednesday's producer price equivalent had the number two in front of it—rising at the



BY
NICHOLAS
JASINSKI

slowest annual pace since early 2021.

That's not just good news for the Federal Reserve, which is trying to wrestle prices lower, but for the stock market, too. When the annual CPI rate has declined by at least five percentage points over the previous year, the S&P 500 has put up a median return of 14.9% over the following 12 months, according to data from Bespoke Investment Group.

Slowing inflation also points to the possibility of a Fed pause coming at next month's Federal Open Market Committee meeting. Futures-market pricing implies a greater than 90% likelihood of the Fed holding the federal-funds rate steady in June at a target range of 5.00% to 5.25%. There's still time for that to change, especially

with May's employment and inflation figures due before the meeting. Stocks have historically done well during a Fed pause, writes Jonathan Golub, chief U.S. equity strategist at Credit Suisse, who notes that the S&P 500 has returned 16.9% on average in the 12 months following the last interest-rate hike of a cycle, while losing 1% on average in the year after the first rate cut.

Investors aren't positioned for a rally. Systematic trend-following funds have been raising their equity exposure lately to slightly above neutral for the first time since late 2021, according to Deutsche Bank's Parag Thatte. But discretionary investors are heavily underweight the market: Equity exposure is at its lowest level in a year and at only the ninth percentile historically. Many

investors are waiting for the market to drop before putting cash to work. But if it breaks higher, they might have to start buying.

There is still a lot that can go wrong. First and foremost, there's the debt-ceiling fight and all of the worst-case scenarios that would result from a U.S. default. Banks could still pull back on lending enough to cause a credit crunch. There's also little confidence in the earnings outlook for the second half of the year, and recession signals, outside of the jobs market, continue to flash red.

That's a wall of worry, but one that the stock market appears ready to climb. The balance of evidence is leaning in a more bullish direction. Investors waiting for the next drop to buy in might not get that chance.

2 Healthcare Growth Stocks

For investors torn between buying stocks and waiting for a pullback, we offer you healthcare stocks. Neither purely defensive nor purely growth, they offer among the best of both—and perhaps a way out of the conundrum.

The defensiveness was on full display during 2022, when the **Health Care Select Sector SPDR** exchange-traded fund (ticker: XLV) lost just 2.1%, compared with the S&P 500's 18% loss. There's a good reason for that. No matter what's going on in the economy, people still need to take their medications and visit the doctor. Revenue and earnings tend to be significantly less volatile than the broader market.

That strength hasn't continued this year—tech and communication-services shares have led as healthcare stocks have fallen 2.3%. The S&P 500 has gained 8.4%, including reinvested dividends.

Yet there's real growth to be had in healthcare. The industry has averaged 12% earnings growth a year since the mid-1980s, the fastest of any sector—ahead even of tech. That growth has been driven by aging populations in the U.S. and other developed coun-

tries, richer consumers in emerging markets, and new forms of treatment for once-untreatable disorders.

The decline to start off the year has made valuations more attractive. Healthcare currently trades at a 5% discount to the S&P 500, versus a historical premium of about 11%—while the fundamental outlook is hardly different.

Kevin Walkush, a portfolio manager at the \$10.1 billion **Jensen Quality Growth** fund (JENSX), likes several companies in the sector for their tendency to hold up better than the market during downturns, but with innovation and pricing power driving attractive long-term growth.

He points to **Stryker** (SYK), the leader in hip- and knee-replacement devices. The \$108 billion company also sells beds and other hospital equipment, more of a near-term driver for growth, Walkush says. Stryker also is an early mover in robotic surgeries for joint replacements. He sees a tailwind from more-complex procedures in emerging markets and aging populations wearing down their joints in developed countries.

Pfizer (PFE), a *Barron's* pick earlier this year, is another favorite of Walkush. The Covid-19 vaccine was a massive cash cow for the company. Rather than paying a special dividend or buying back more stock, the company has gone on an acquisition spree to reload its drug-development pipeline. It has signed eight deals since the start of 2021, including the \$41 billion acquisition of cancer-therapy developer **Seagen** (SGEN).

Walkush calls the Seagen acquisition pricey—it's a "show-me story," he says—but thinks Pfizer management can figure it out.

Pfizer stock's valuation isn't demanding: Shares trade for 11 times 12-month forward earnings, around their average over the past half-decade and compared with 18 times for the S&P 500.

It may take patience, but don't expect it to stay that cheap forever.

Continued on page 30

Vital Signs

	Friday's Close	Week's Change	Week's % Chg.
DJ Industrials	33300.62	-373.76	-1.11
DJ Transportation	13783.19	-339.94	-2.41
DJ Utilities	959.19	-3.08	-0.32
DJ 65 Stocks	11062.30	-150.67	-1.34
DJ US Market	1003.89	-2.91	-0.29
NYSE Comp.	15246.36	-134.51	-0.87
NYSE Amer Comp.	3963.63	-60.01	-1.49
S&P 500	4124.08	-12.17	-0.29
S&P MidCap	2432.73	-28.37	-1.15
S&P SmallCap	1119.61	-19.36	-1.70
Nasdaq	12284.74	+49.33	+0.40
Value Line (arith.)	8712.49	-103.93	-1.18
Russell 2000	1740.85	-19.03	-1.08
DJ US TSM Float	41056.83	-136.93	-0.33

	Friday's Close	Week's Change	Week's % Chg.
Barron's Future Focus	862.36	-6.54	-0.75
Barron's Next 50	2344.12	-10.64	-0.45
Barron's 400	895.05	-8.53	-0.94
	Last Week	Week Earlier	
NYSE Advances	1,189	1,110	
Declines	1,961	2,042	
Unchanged	50	54	
New Highs	140	187	
New Lows	213	358	
Av Daily Vol (mil)	3,759.1	4,232.1	
Dollar (Finex spot index)	102.70	101.21	
T-Bond (CBT nearby futures)	130-23	130-31	
Crude Oil (NYM light sweet crude)	70.04	71.34	
Inflation KR-CRB (Futures Price Index)	257.92	261.60	
Gold (CMX nearby futures)	2014.50	2017.40	

— ADVISORS —

IBKR pays up to USD 4.58% on instantly available cash in your clients' brokerage accounts

Custodian	Interest Rate
☐ E-Trade	0.01%
☒ Interactive Brokers	4.58% ¹
☐ Schwab	0.45%
☐ TD Ameritrade	0.35%



Advisors, to learn how we can help grow your business, call 855-861-6414 or visit

ibkr.com/advisor-clients

Member NYSE, FINRA, SIPC. Supporting documentation for any claims and statistical information will be provided upon request. Competitor rates and offers subject to change without notice. Services vary by firm. [1] Rate shown applies to IBKR Pro clients only. Positive settled cash balances held in the securities segment of accounts with NAV>100k earn the stated interest rate 5/5/2023 and those with NAV<100k earn a proportional rate. Cash held in the commodities segment of an account does not earn interest. For more information, see ibkr.com/interestpaid

05-IB23-1623-HP



COMMUNICATIONS SERVICES SECTOR OF THE S&P 500 IN ONE ETF



Visit www.sectorspdrs.com or call 1-866-SECTOR-ETF

An investor should consider investment objectives, risks, charges and expenses carefully before investing. To obtain a prospectus, which contains this and other information, call 1-866-SECTOR-ETF or visit www.sectorspdrs.com. Read the prospectus carefully before investing.

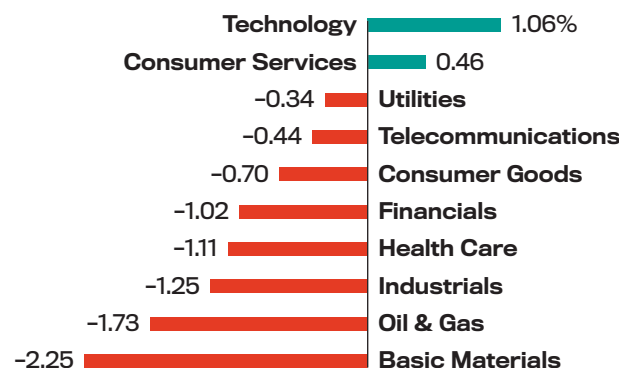
All ETFs are subject to risk, including possible loss of principal. Sector ETF products are also subject to sector risks and non-diversification risks, which generally results in greater price fluctuations than the overall stock market. Ordinary brokerage commissions apply.

The S&P 500 is an index of 500 common stocks that is generally considered representative of the U.S. stock market. You cannot invest directly in an index.

ALPS Portfolio Solutions Distributor, Inc., a registered broker-dealer, is distributor for the Select Sector SPDR Trust.

Industry Action

Performance of the Dow Jones U.S. Industrials, ranked by weekly percent change.*



Source: S&P Dow Jones Indices

A Short Seller Targets Icahn Stock Karma's a bummer.

The holding company of Carl Icahn, the famed corporate raider known for high-profile activist campaigns dating back to the 1980s, is under attack by short sellers, prompted by a lengthy report published by Hindenburg Research.

At first glance, **Icahn Enterprises (IEP)**, which has dropped 36%, to \$32, since Hindenburg's short report was issued on May 2, doesn't look all that controversial. Holdings include an energy company, the Pep Boys chain of auto-parts and service stores, a pharma company, and real estate. It also owns shares in several publicly traded companies, including **FirstEnergy (FE)**, **Xerox Holdings (XRX)**, and **Newell Brands (NWL)**. It has a market capitalization of about \$13 billion. On April 28, it was trading at \$50.29, right about where it had been in September 2021.

And then Hindenburg released its report. It faulted Icahn's recent investing track record and claimed that Icahn Enterprises was overvaluing its stakes in private businesses. But mainly, Hindenburg's Nathan Anderson took issue with the fact that Icahn Enterprises had been trading for about 3.2 times its net asset value, or NAV—an unusual premium. Most similar vehicles, such as Bill Ackman's **Pershing Square Holdings (PSH.Netherlands)** or Daniel Loeb's **Third Point Investors (TPOU.UK)**, trade for discounts to their NAV.

Icahn, 87, promised to fight back against Hindenburg in a response published on May 10, but it's hard to argue with the math. The thing is, most investors probably don't pay attention to Icahn Enterprises' NAV. Instead, it's viewed as a dividend play, thanks to the company's pre-Hindenburg yield of 16%. (Its yield after the tumble now sits at 25%.) The company has declared a quarterly dividend of \$2 per share since 2019, with shareholders

able to choose payment in cash or stock.

There are some financial gymnastics involved to make that dividend a reality. Icahn, who owns some 84% of the company, elects to take stock, drastically reducing the required cash outlay from \$2.8 billion a year to about \$450 million. Instead of paying for the dividend out of cash flows from the business, Icahn Enterprises sells stock equivalent to the cash outlay required to pay the dividend for the non-Carl Icahn shares, Hindenburg claims. Stock sales since 2019 have totaled about \$1.7 billion.

The math worked. The non-Carl Icahn shareholders receive a fat dividend, Icahn keeps his stake at about 84%, and the stock trades at a premium to its NAV justified by its yield.

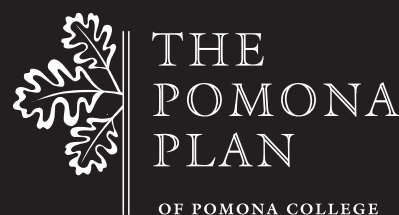
Anderson has a different way of describing it. He calls it a "Ponzi-like structure" that is "sustainable only to the extent that new money is willing to risk being the last one 'holding the bag.'"

The selling in Icahn Enterprises stock intensified this past week after the company reported a quarterly loss of 76 cents a share on May 10 and disclosed that the U.S. Attorney's Office for the Southern District of New York had inquired about Icahn's corporate governance and how it valued its assets.

Icahn was his typical combative self. "Hindenburg Research...would be more aptly named Blitzkrieg Research, given its tactics of wantonly destroying property and harming innocent civilians," he said in a statement. "But, unlike many of its victims, we will not stand by idly."

Anderson was unbowed. "In its response, Icahn Enterprises failed to address every key issue we raised," he wrote in a new report. "Instead, it rehashed its prior opaque and inadequate disclosures."

Carl Icahn, it's your move. **B**



Your Source of Security in Uncertain Times...

SAMPLE ANNUITY RATES FOR INDIVIDUALS*	Age 90	13.0%
	Age 85	11.5%
	Age 80	10.0%
	Age 75	8.6%
	Age 70	7.8%

RATES VALID THROUGH JUNE 30, 2023

*Pomona Plan annuity rates are not available in all states.

Secure Retirement Income for Life
Generous Tax Savings | AAA Bond Ratings
Endowment over \$2.5 Billion

Call us to start a conversation
(800) 761-9899

550 N. College Ave.
Claremont, CA 91711
pomonaplan.pomona.edu

Now Available
IRA Gift Annuities
Call us to learn more!

FIND A RATE CALCULATOR ON OUR WEBSITE!

BARRON'S
ADVISOR

Finder, Keepers.

Barron's Advisor Finder matches Barron's ambitious readers with your financial expertise. Get found, meet prospective clients, and let Barron's Advisor help grow your business.



Join Now

Barrons.com/AdvisorFinderApply

© 2023 Dow Jones & Company, Inc. All rights reserved. 1E295

INSIDE SCOOP

General Dynamics Sees \$1 Million Insider Buy

BY ED LIN

General Dynamics stock has slid this year and recently set nearly a 16-month intraday low. One director at the aerospace and defense firm just bought up shares.

General Dynamics stock (ticker: GD) has dropped 16% in 2023. In early March, the company increased its quarterly dividend by about 5%. On April 26, General Dynamics reported strong first-quarter revenue and free cash flow. Neither event provided a sustained lift, however. On May 4, General Dynamics stock traded to as low as \$205.40; shares haven't traded at that level since January 2022.

On May 2, Mark Malcolm paid \$1 million for 4,700 General Dynamics shares, an average price of \$214.47

each. According to a form he filed with the Securities and Exchange Commission, Malcolm purchased the stock through a trust he controls. He also owns 8,907 General Dynamics shares in a personal account.

Malcolm, a former CEO of auto-parts maker Tower International, declined to comment on his stock purchase. A General Dynamics director since August 2015, Malcolm last purchased the company's stock on the open market in October 2018, when he paid \$510,000 for 3,000 shares, an average price of \$169.87 each.

Credit Suisse analyst Scott Deuschle characterized General Dynamics' first-quarter report as "mixed." He cut the target price on shares to \$220 from \$239, and kept a Neutral rating.

"[T]he previously provided full-year earnings-before-interest-and-taxes guide may be a challenge," he wrote. **B**

General Dynamics stock recently slid to a 16-month low. Director Mark Malcolm just bought \$1 million worth of shares in the aerospace and defense firm.

founder Kurt Wolf. Hestia now holds four of Pitney Bowes' nine board seats.

ModivCare (MODV)

Coliseum Capital raised its interest in the healthcare-services company to 1,582,814 shares. That includes the purchase of 210,016 ModivCare shares from March 17 through May 9 at prices ranging from \$50.50 to \$80.25 each. After the fresh investment, Coliseum now holds 11.2% of ModivCare's tradable stock. Coliseum Capital co-founder Christopher Shackelton serves as ModivCare's chairman. ModivCare reported a solid first quarter earlier in May. Shares have dropped about 40% so far this year.

Reneo Pharmaceuticals (RPHM)

Carlyle Group (CG) lifted its holding in the pharmaceutical company to 2,730,457 shares, inclusive of 31,500 shares underlying exercisable options. Through a May 9 private placement, Carlyle affiliate Abingworth Bioventures bought 625,000 Reneo Pharmaceuticals shares at a price of \$8 per share. Carlyle now holds 8.2% of Reneo's outstanding stock. The private placement coincided with Reneo's public offering of approximately 7.9 million shares at the same price that closed on May 8.

Decreases in Holdings

Donnelley Financial Solutions (DFIN)

Simcoe Capital reduced its holding in the compliance-reporting-services company to 3,476,059 shares. That figure includes 36,088 shares held by Simcoe Capital founder Jeffrey Jacobowitz, plus an additional 6,178 underlying restricted stock units. Simcoe sold 148,236 and 212,696 Donnelley shares, respectively, on May 5 and May 9, at prices ranging from \$42.25 to \$43.26 apiece. Simcoe now holds 11.8% of Donnelley's outstanding stock. Shares have gained about 16% so far this year.

POWER PLAY

Icahn's New Role: Playing Defense

BY CARLETON ENGLISH

At 87, Carl Icahn has a lot of experience in brutal activist campaigns. But the one he find himself in now is a little different from previous showdowns—and not just because he's the target, not the activist.

In early May, **Icahn Enterprises** (ticker: IEP) became the subject of a report by short seller Hindenburg Research. The firm, best known for its takedowns of **Nikola** (NKLA) in 2020 and India's **Adani Enterprises** (512599.India) earlier this year, argued that Icahn Enterprises overvalues its stakes in private businesses, allowing it to trade at a premium to its net asset value, while similarly structured activist funds trade at a discount.

In recent years, funds run by activist investors Nelson Peltz, Dan Loeb, and Bill Ackman have faced activists, but their attackers sought to improve operations and lift shares. Icahn Enterprises is facing a short seller. Hindenburg isn't rooting for Icahn's success, but hopes to profit from falling shares.

So far, Hindenburg appears to have the upper hand. Icahn Enterprises' stock has tumbled more than 30% since Hindenburg's May 2 report, and the investment firm disclosed on Wednesday that it is facing a regulatory probe. Icahn Enterprises did not respond to a request to comment, but said in regulatory filings that it is cooperating with the investigation.

Patrick Gadson, co-head of law firm Vinson & Elkins' shareholder activism practice, says, "When you deal with anything involving hedge fund managers, you're also dealing with enormous personalities—egos that are outsize, very well earned—but they're still huge egos. And they have long memories." **B**

Activist Holdings

MP Materials (MP)

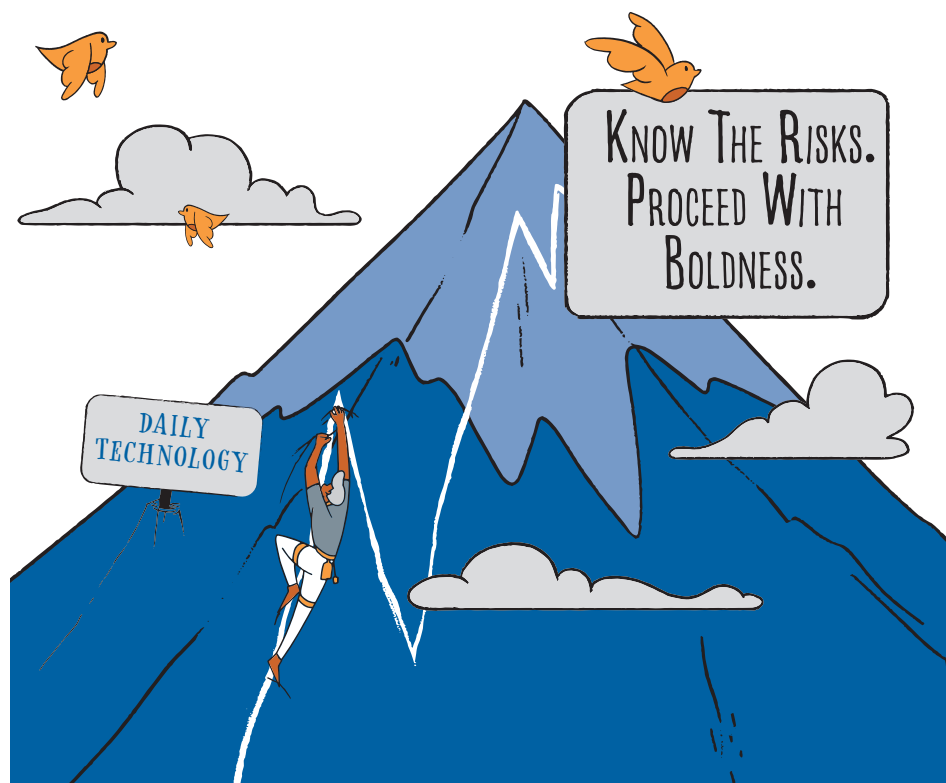
QVT Financial owns 13,501,578 shares of the rare-earths miner and products refiner, a 7.6% interest in the industrial firm. On May 5, QVT founder and CEO Daniel Gold resigned from the MP Materials board, effective immediately. The resignation wasn't due to any disagreement or any operational or strategic matter between QVT and MP Materials. Earlier this month, MP Materials reported a strong first quarter. The stock has slipped about 10% so far this year.

Increases in Holdings

Pitney Bowes (PBI)

Hestia Capital boosted its position in the shipping-services company to 15,790,922 shares. From April 4 through April 29, Hestia purchased 1,157,422 Pitney Bowes shares at per share prices ranging from \$3.57 through \$3.80, giving Hestia a 9% stake. Pitney Bowes confirmed the preliminary election results of its May 9 shareholders meeting, acknowledging the addition of four Hestia representatives to its board, including

These disclosures are from 13Ds filed with the Securities and Exchange Commission. 13Ds are filed within 10 days of an entity's attaining more than 5% in any class of a company's securities. Subsequent changes in holdings or intentions must be reported in amended filings. This material is from May 4 through May 10, 2023. Source: **VerityData (verityplatform.com)**



DAILY 3X LEVERAGED
ETFs FROM DIREXION

Direxion
ETFs | Funds

Call 877-437-9363
or go to direxion.com

TECL **TECS**
DAILY TECHNOLOGY DAILY TECHNOLOGY

BULL **BEAR**
3X SHARES 3X SHARES

An investor should carefully consider a Fund's investment objective, risks, charges, and expenses before investing. A Fund's prospectus and summary prospectus contain this and other information about the Direxion Shares. To obtain a Fund's prospectus and summary prospectus call 866-476-7523 or visit our website at www.direxion.com. A Fund's prospectus and summary prospectus should be read carefully before investing.

Leveraged and Inverse ETFs pursue daily leveraged investment objectives which means they are riskier than alternatives which do not use leverage. They seek daily goals and should not be expected to track the underlying index over periods longer than one day. They are not suitable for all investors and should be utilized only by sophisticated investors who understand leverage risk and who actively manage their investments.

Direxion Shares Risks – An investment in each Fund involves risk, including the possible loss of principal. Each Fund is non-diversified and includes risks associated with the Funds' concentrating their investments in a particular industry, sector, or geographic region which can result in increased volatility. The use of derivatives such as futures contracts and swaps are subject to market risks that may cause their price to fluctuate over time. Risks of each Fund include Effects of Compounding and Market Volatility Risk, Leverage Risk, Market Risk, Counterparty Risk, Rebalancing Risk, Intra-Day Investment Risk, Other Investment Companies (including ETFs) Risk, and risks specific to the Technology Sector. The value of stocks of information technology companies and companies that rely heavily on technology is particularly vulnerable to rapid changes in technology product cycles. Additional risks include, for the Direxion Daily Technology Bull 3X Shares, Daily Index Correlation Risk, and for the Direxion Daily Technology Bear 3X Shares, Daily Inverse Index Correlation Risk, and risks related to Shorting and Cash Transactions. Please see the summary and full prospectuses for a more complete description of these and other risks of each Fund.

Distributor: Foreside Funds Services, LLC

INTERNATIONAL TRADER

China's Tech Giants Face Beijing's AI Regulations

BY CRAIG MELLOW

What will artificial intelligence with Chinese characteristics look like? The past month or so has given us a better idea.

E-commerce giant **Alibaba Group Holding** (ticker: BABA) and facial-recognition pioneer **SenseTime Group** (0020.Hong Kong) joined search champion **Baidu** (BIDU) in releasing generative AI products, albeit in limited distribution. The Beijing government laid out draft regulations giving AI developers a green light, so long as their training data sets are “truthful, accurate, and objective”—quite a conundrum for the industry to bear in mind.

Investors aren't looking for a Chinese equivalent to **OpenAI**, the proto-garage company that upended the U.S. tech establishment by unveiling ChatGPT half a year ago. In China, the establishment wins.

Retail investors have gone wild for domestically listed stocks with a whiff of AI, such as **Cambricon Technologies** (688256.China), whose shares have more than tripled this year.

The pros from abroad are staying away. “The current leading companies are the ones who can afford to be successful in AI,” says Sharukh Malik, a portfolio manager for Asian equities at Guinness Asset Management.

Markets were underwhelmed by Baidu's Ernie bot. The company's shares have slumped 6% since its March 6 release. Baidu nevertheless retains some first-mover advantage, says Charlie Chai, vice head of research at 86 Research in Shanghai. “Baidu has been investing in AI for the past decade, with hundreds of Ph.Ds,” he says.

Its in-house Kunlun semiconductors are also the best among China's internet elite, which could be important as the U.S. squeezes chip exports to China.

The competition looks stiff, however. **Tencent Holdings** (700.Hong Kong),

which dominates Chinese social media and online gaming, and TikTok parent ByteDance, are expected in the artificial intelligence ring soon, leveraging their enormous data troves and customer bases.

“All the first-tier players could end up as winners in their own focus area,” says Vivian Lin Thurston, an emerging markets portfolio manager at William Blair.

They'll have to deal with the government first. Beijing's AI push is a sort of ad hoc rehabilitation for China's Big Tech, which was in the regulatory doghouse for the past two years. But the industry will have to leap forward Beijing's way.

“The U.S. model is to learn from all the data sets, so the system can argue one way or another,” says Dylan Patel, chief analyst at SemiAnalysis.

That won't be the Chinese model. The new regs make technology companies potentially liable if their bots produce answers that officials consider wrong, Chai says. “This will slow down releases as companies very carefully test their products,” he adds. No kidding.

Would-be Chinese AI champions need to keep an eye on Washington, too.

“The semis challenge is very real,” say AB Bernstein analysts, led by Robin Zhu. Advanced AI systems largely depend on microchips from a single U.S. designer, **Nvidia** (NVDA). Washington banned sales of that company's A100 chip to China last year. Nvidia substituted the A800, which is one-third slower.

All these obstacles will slow, but not stop, Chinese companies' march into AI. Patel estimates they are two years, at most, off OpenAI's pace. “Baidu's product is not as good as ChatGPT, but it's pretty good,” he says.

Two years is too long, in tech time, to place bets on any horse race between the Chinese giants, Guinness' Malik says. “I would give it a year to see who's the most competent,” he says.

But the training laps will be worth watching. **B**

THE STRIKING PRICE

Don't Worry, Be Greedy: Playing the Debt Crisis

BY STEVEN M. SEARS

Hakuna matata. If we created a musical score for the markets, the famous song from *The Lion King* would be hard to beat.

Everyone knows that the global financial markets will implode if Congress fails to let the U.S. government borrow even more money, but investors seem to have faith in Congress and President Joe Biden.

If there was real reason to fret that the political leaders are unable to do the right thing for America, stock prices wouldn't remain relatively high and options volatility wouldn't be unusually low. But they are.

The Cboe Volatility Index, or VIX, is around 17, which suggests the S&P 500 index will move about 1% each day, up or down, over the next 30 days. Fear of a major financial crisis should have the VIX trading at 30, or higher.

Of course, anyone who takes solace in high-level market readings is medicated or delusional. All that can be said with any semblance of certainty at this moment in economic time is that the stock market is always right on price, but it has a horrible sense of timing. The same is true for options volatility.

Moreover, the great Warren Buffett, a paragon of patience with a record of turning chaos into money, is reportedly happy sitting in cash. Many readers agree. They have recently remarked on the joys of earning 4% or more on their cash without taking on any market risk. After all, the stock market's historic annual return is only around 9%.

Still, we recognize that there are those among us who like to monetize chaos before it emerges. After all, the debt-ceiling negotiations began late Tuesday and much work has to be done, as the U.S. government could run out of money by June 1. For hyperaggressive investors, the **SPDR S&P Regional Banking** exchange-traded fund (ticker: KRE) remains an intriguing way to try to bearishly trade the debt-ceiling crisis, which could hammer economically sensi-

tive bank stocks that tend to be on the front lines of the U.S. economy.

We suggested a KRE put-option spread in early April when the ETF was \$42.46. We suggested buying the September \$40 put and selling the September \$30 put for about \$2.20. The spread is now worth about \$4.20, a 91% increase in about a month, as the ETF has fallen to \$36.37. (Puts give holders the option to sell an underlying asset for a set price within a specific period.)

Investors who want to realize profits on the KRE strategy, or initiate a new position, can consider buying the ETF's July \$35 put and selling the July \$25 put. The spread costs about \$2.40 right now. If the ETF is at \$25 at expiration, the spread is worth a maximum profit of \$7.60 (\$10 spread minus \$2.40 premium).

A recent Federal Reserve survey of senior loan officers showed that credit conditions were tightening and that loan demand is ebbing, which would impact bank profits.

Patient investors can simply wait and watch Washington's political leaders. There is likely to be a lot of brinkmanship, and that could create microbursts of volatility.

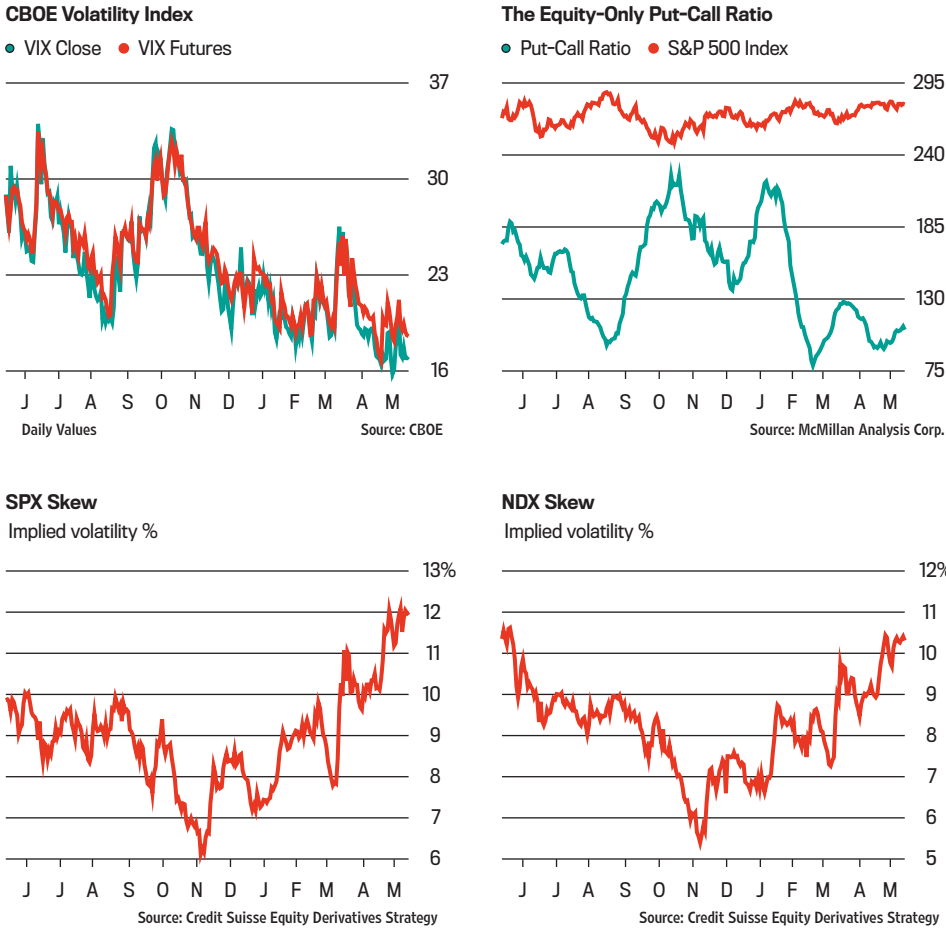
Should stocks plummet on the debt-ceiling debate, think about selling puts on blue-chip stocks that you can warehouse for three to five years. Should stocks surge on the resolution of the crisis, think about selling bullish call options on your stocks to enhance returns.

Both approaches seek to monetize fear and greed. The strategies express a desire to get paid by the options market just for agreeing to be a long-term investor in blue-chip stocks. As we have argued before, the U.S. stock market is the world's reserve currency. Yes, there is risk to owning equities, but investors have many options for dealing with that. **B**

Steven M. Sears is the president and chief operating officer of Options Solutions, a specialized asset-management firm. Neither he nor the firm has a position in the options or underlying securities mentioned in this column.

Investors can simply wait and watch Washington. There is likely to be a lot of brinkmanship, and that could create **microbursts of volatility**.

Equity Options



Skew indicates whether the options market expects a stock-market advance or decline. It measures the difference between the implied volatility of puts and calls that are 10% out of the money and expire in three months. Higher readings are bearish.

Week's Most Active

Company	Symbol	Tot Vol	Calls	Puts	Avg Tot Vol	IV %ile	Ratio
Trevena	TRVN	24758	19689	5069	84	92	294.7
Under Armour	UA	39685	35943	3742	1356	34	29.3
Topgolf Callaway Brands	MODG	41616	18969	22647	1528	17	27.2
Nerdy	NRDY	4750	4580	170	204	69	23.3
Sovos Brands	SOVO	3784	2958	826	180	48	21.0
ACV Auctions	ACVA	38264	23155	15109	1888	0	20.3
Absolute Software	ABST	2840	2189	651	144	69	19.7
Aramark	ARMK	40092	19413	20679	2136	3	18.8
Maravell Lifesciences	MRVI	10777	8667	2110	584	99	18.5
Magnite	MGNI	33280	16011	17269	1820	0	18.3
Microvast	MVST	26563	22686	3877	1500	99	17.7
Option Care Health	OPCH	28786	27324	1462	1948	49	14.8
Tyson Foods	TSN	167712	78587	89125	11780	34	14.2
Silicon Motion Technology	SIMO	35221	13133	22088	2684	89	13.1
GEO	GEO	72869	68647	4222	6596	96	11.0
Alto Ingredients	ALTO	11779	8985	2794	1216	79	9.7
Grab	GRAB	73769	62085	11684	7568	61	9.7
Applavin	APP	52020	36340	15680	5536	22	9.4
Evolv Technologies	EVLV	8883	8580	303	976	37	9.1
Rapid7	RPD	91860	89699	2161	11480	91	8

This table of the most active options this week, as compared to average weekly activity - not just raw volume. The idea is that the unusually heavy trading in these options might be a predictor of corporate activity - takeovers, earnings surprises, earnings pre-announcements, biotech FDA hearings or drug trial result announcements, and so forth. Dividend arbitrage has been eliminated. In short, this list attempts to identify where heavy speculation is taking place. These options are likely to be expensive in comparison to their usual pricing levels. Furthermore, many of these situations may be rumor-driven. Most rumors do not prove to be true, so one should be aware of these increased risks if trading in these names. Ratio is the Tot Vol divided by Avg Tot Vol. IV %ile is how expensive the options are on a scale from 0 to 100. Source: McMillan Analysis

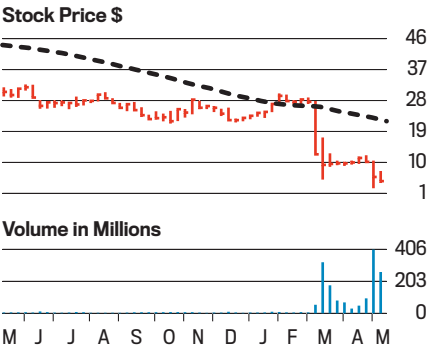
CHARTING THE MARKET

A graphic look at selected stock activity
for the week ended May 12, 2023
Edited by Bill Alpert

PacWest Bancorp

PACW (NASDAQ) • \$4.55 • -1.21

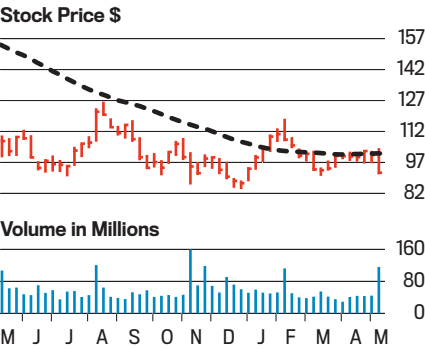
The regional bank said deposits dropped after the early May news of First Republic Bank's closing. PacWest says it has boosted its liquidity.



Walt Disney

DIS (NYSE) • \$91.99 • -8.53

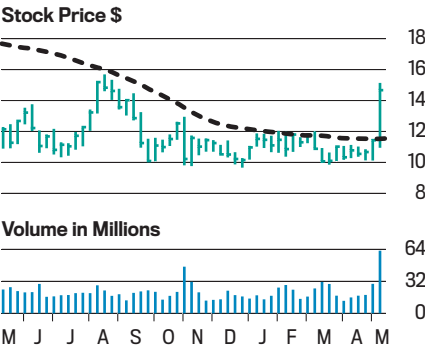
Disney+ streaming service subscribers fell 2% from the December to March quarters. Cash earnings of 93 cents a share met March-quarter expectations.



Goodyear Tire & Rubber

GT (NASDAQ) • \$14.67 • 3.24

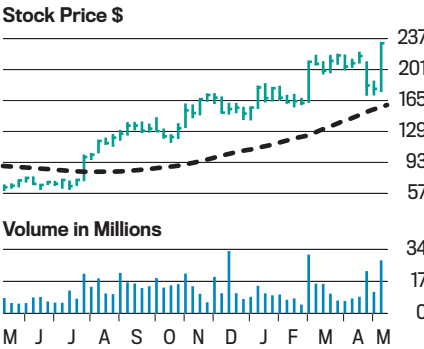
Activist investors Elliot Management disclosed a 10% stake in the tire maker and proposed board candidates tasked with improving operations and margins.



First Solar

FSLR (NASDAQ) • \$231.69 • 53.09

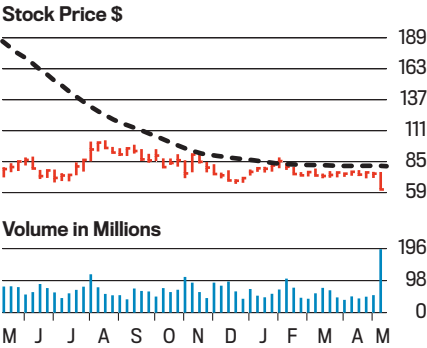
The solar panel maker got a \$5 billion boost in market cap on news of its \$80 million deal to buy a European firm with cutting-edge technology.



PayPal Holdings

PYPL (NASDAQ) • \$61.69 • -13.28

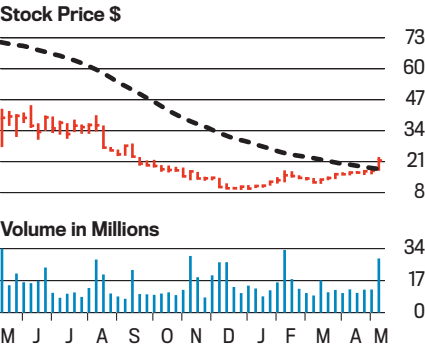
March-quarter profit of \$1.17 a share beat forecasts for \$1.10 at the payments company, which raised 2023 guidance. But PayPal expects thinner margins.



Applovin

APP (NASDAQ) • \$21.51 • 4.35

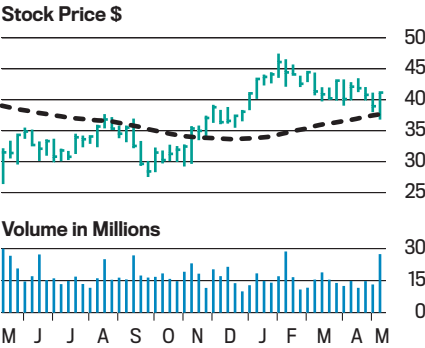
The mobile app technology provider had \$715 million in March-quarter revenue—beating forecasts for \$695 million, with a cash loss of a cent a share.



Tapestry

TPR (NYSE) • \$41.18 • 2.21

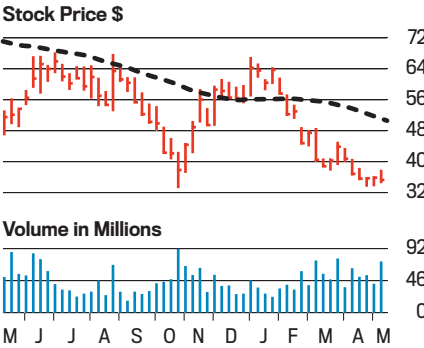
The owner of Coach and Kate Spade fashions raised 2023 profit guidance from \$3.75 a share, to between \$3.85 and \$3.90 after strong March results.



JD.com

JD (NASDAQ) • \$35.30 • -0.58

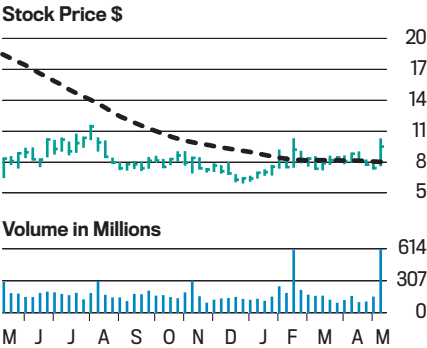
U.S. shares of Chinese businesses rose after the Beijing e-commerce firm grew March-quarter sales and went from a loss to a 57 cent a share profit.



Palantir Technologies

PLTR (NYSE) • \$9.50 • 2.09

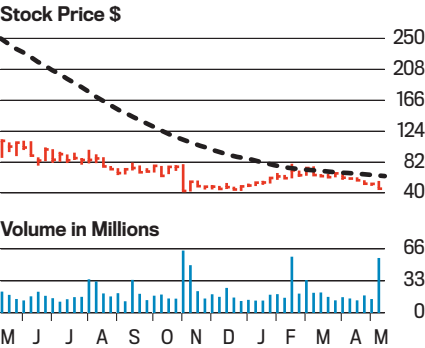
The intelligence data vendor grew March-quarter revenue 18%, to \$525 million, and turned a penny a share profit. It expects to remain profitable all year.



Twilio

TWLO (NYSE) • \$45.83 • -6.54

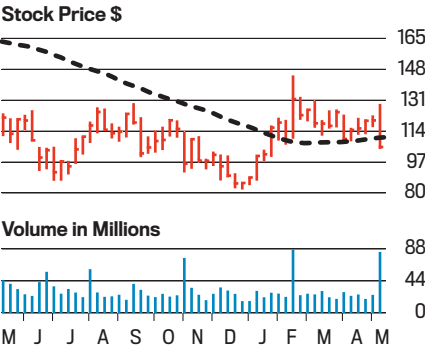
A difficult economy is hurting prices, said the supplier of customer-support software. Twilio's sales forecast triggered several downgrades.



Airbnb

ABNB (NASDAQ) • \$105.28 • -14.63

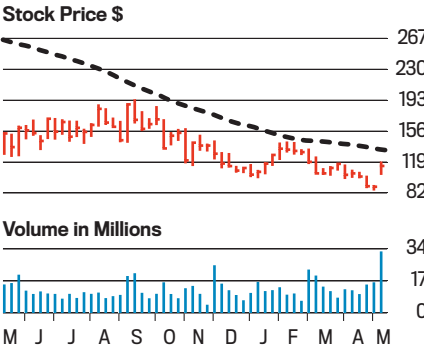
While the lodging service grew March revenue 20%, to \$1.8 billion, investors were disappointed at guidance for roughly 14% growth in the June quarter.



Zscaler

ZS (NASDAQ) • \$114.33 • 24.87

After previously cautioning investors about April's quarter, the cloud-computing security firm says that sales and orders look better than expected.



The charts record the net change in share price, the high, low and closing trades, and share volume for companies with noteworthy stock activity last week. In addition, the graphs depict last week's daily price activity in detail. The dotted line on some graphs denotes the stock's 200-day moving average; lack of a moving average means the shares have traded for less than that time period. If the close from the current week is lower than a year ago the graph will be presented in red. If the close from the current week is higher than a year ago then the graph will be presented in green.

WINNERS & LOSERS

Saturday Inbox: Sign up for the Market Lab Newsletter every Saturday at [Barrons.com/newsletters](https://www.barrons.com/newsletters)

NYSE Biggest % Movers

Winners				
Name (Sym)	Volume	Close	Change	%Chg.
Compass(COMP)	27315	3.66	+1.17	+47.0
ArloTech(ARLO)	10613	8.97	+2.28	+34.1
ArisWater(ARIS)	1919	9.09	+2.24	+32.7
Holley(HLLY)	3532	3.07	+0.75	+32.3
ATRenew(RERE)	1817	2.89	+0.69	+31.4
PalantirTech(PLTR)	613943	9.50	+2.09	+28.2
MasterBrand(MBC)	7657	10.24	+2.22	+27.7
SmartRent(SMRT)	7464	3.31	+0.63	+23.5

Losers				
Name (Sym)	Volume	Close	Change	%Chg.
Babylon(BBLN)	17461	1.07	-6.10	-85.1
Leju(LEJU)	653	1.97	-1.13	-36.5
INNOVATE(VATE)	5071	1.72	-0.97	-36.1
Catalent(CTLT)	56449	32.86	-14.89	-31.2
SphereEnt(SPHR)	3706	22.25	-9.03	-28.9
SoloBrands(DTC)	9739	5.16	-1.97	-27.6
Trinseo(TSE)	4221	13.04	-4.44	-25.4
BloomEnergy(BE)	51035	12.72	-4.28	-25.2

NYSE American Biggest % Movers

Winners				
Name (Sym)	Volume	Close	Change	%Chg.
Oragenics(OGEN)	147	3.07	+0.43	+16.2
AmbiparEmergency(AMBI)	97	6.71	+0.81	+13.7
Cohen(COHN)	9	7.00	+0.84	+13.6
StandardLithium(SLI)	3209	3.55	+0.36	+11.3
EvolutionPetro(EPM)	1288	7.02	+0.64	+10.0
cbdMD(YCBD)	828	2.18	+0.18	+9.0
Southland(SLND)	53	7.54	+0.57	+8.2
IvanhoeElectric(IE)	1551	13.11	+0.97	+8.0

Losers				
Name (Sym)	Volume	Close	Change	%Chg.
Mallinckrodt(MNK)	158	2.76	-2.35	-46.0
ProtalixBio(PLX)	28156	2.23	-1.04	-31.8
RileyExpln(REPX)	534	34.76	-6.93	-16.6
RegionalHealth(RHE)	238	3.44	-0.68	-16.5
LoopMedia(LPTV)	276	3.92	-0.63	-13.8
MAG Silver(MAG)	2815	11.66	-1.68	-12.6
MaiaBiotech(MAIA)	188	2.49	-0.35	-12.3
ChicagoRivet(CVR)	18	24.24	-3.26	-11.9

Nasdaq Biggest % Movers

Winners				
Name (Sym)	Volume	Close	Change	%Chg.
TScanTherap(TCRX)	79161	3.93	+1.53	+63.8
ApixMedical(APYX)	3644	5.36	+1.92	+55.8
Innodata(INOD)	2633	9.29	+3.13	+50.8
ImmunoPrecise(IPA)	2307	4.04	+1.34	+49.7
BioraTherap(BIOR)	971	3.76	+1.19	+46.3
Magnite(MGNI)	15696	11.91	+3.33	+38.8
BlueBird(BLBD)	4343	26.33	+7.20	+37.6
Latham(SWIM)	3763	3.33	+0.91	+37.6

Losers				
Name (Sym)	Volume	Close	Change	%Chg.
ImmunityBio(IBRX)	63208	2.28	-3.26	-58.8
PRA Group(PRAA)	9598	18.26	-16.44	-47.4
ImpelPharm(IMPL)	314	1.52	-1.08	-41.5
DragonflyEnergy(DFLI)	1107	2.99	-1.99	-40.0
CytekBioSci(CTKB)	13190	7.49	-4.43	-37.2
Aptorum(APM)	396	3.43	-1.92	-35.9
CoherusBioSci(CHRS)	15703	4.90	-2.48	-33.6
CPI Card(PMTS)	854	26.69	-13.17	-33.0

NYSE Most Active

Volume Percentage Leaders					
Name (Sym)	Volume	%Chg.	Close	Change	
Babylon(BBLN)	17461	7971.0	1.07	-6.10	
JacksonAcqnA(RJAC)	1912	1669.5	10.38	+0.03	
ColombierAcqnA(CLBR)	14827	1328.1	10.19	+0.03	
ProofAcqnIA(PACI)	3664	866.7	10.45	0.00	
MoneyLion(ML)	1506	792.5	12.63	-0.51	
BeardEnerA(BRD)	1853	633.0	10.42	+0.01	
IHS Holding(IHS)	5978	579.9	8.48	-0.87	
BlackSpadeA(BSAQ)	1015	435.1	10.36	+0.10	
RigelResourceA(RRAC)	3719	422.5	10.60	+0.08	
AxiosSustGrwA(AXAC)	1537	399.1	10.46	0.00	
GrafAcqnIV(GFOR)	666	398.8	10.21	+0.03	
PostHldgsA(PSPC)	1079	362.1	10.21	+0.04	
Braskem(BAK)	18971	342.0	9.87	+0.70	
SoloBrands(DTC)	9739	32.7	5.16	-1.97	
Ooma(OOMA)	1448	290.9	12.93	+0.95	
BloomEnergy(BE)	51035	289.8	12.72	-4.28	
GlobalBlue(GB)	266	283.5	5.44	+0.05	
WNS(WNS)	2975	274.1	71.13	-6.58	
TysonFoods(TSN)	58199	269.7	48.87	-11.82	
TopgolfCallaway(MODG)	27853	262.7	17.28	-5.06	

By Share Volume				
Name (Sym)	Volume	Close	Change	%Chg.
PalantirTech(PLTR)	613943	9.50	+2.09	+28.2
FordMotor(F)	230049	11.67	-0.32	-2.7
NIO(NIO)	193555	7.95	-0.20	-2.5
Carvana(CVNA)	190143	10.50	+1.54	+17.2
BankofAmerica(BAC)	183753	27.09	-0.62	-2.2
Carnival(CCL)	156070	9.83	-0.18	-1.8
fuboTV(FUBO)	147147	1.72	+0.25	+17.0
AT&T(T)	142631	17.03	-0.10	-0.6
ItauUnibanco(ITUB)	129391	5.42	+0.20	+3.8
NuHoldings(NU)	124691	5.81	+0.35	+6.4
PetroleoBrasil(PBR)	123807	11.86	+1.04	+9.6
Snap(SNAP)	118432	8.55	+0.32	+3.9
Disney(DIS)	116051	91.99	-8.53	-8.5
GinkgoBioworks(DNA)	111456	1.23	-0.04	-3.1
KeyCorp(KEY)	108531	8.99	-0.84	-8.5
Uber(UBER)	108011	38.45	+0.70	+1.9
Shopify(SHOP)	104366	61.33	-0.70	-1.1
FirstHorizon(FHN)	103387	9.67	-1.27	-11.6
Audacy(AUD)	97290	0.11	-0.00	-0.1
Pfizer(PFE)	97003	37.35	-1.14	-3.0

By Dollar Volume				
Name (Sym)	\$ Volume	Close	Change	%Chg.
BerkHathwy A(BRK.A)	14123160491	182.50	-657.51	-0.1
Disney(DIS)	10925577	91.99	-8.53	-8.5
Alibaba(BABA)	7962102	85.34	+2.12	+2.5
ExxonMobil(XOM)	7219998	105.78	-2.90	-2.7
Shopify(SHOP)	6609864	61.33	-0.70	-1.1
EliLilly(LLY)	6239855	434.43	+6.62	+1.5
PalantirTech(PLTR)	5663084	9.50	+2.09	+28.2
Salesforce(CRM)	5607786	201.81	+4.22	+2.1
JPMorganChase(JPM)	5392323	134.10	-2.64	-1.9
BankofAmerica(BAC)	5024705	27.09	-0.62	-2.2
HomeDepot(HD)	4942341	290.47	+0.85	+0.3
Boeing(BA)	4887607	200.70	+2.36	+1.2
UnitedHealth(UNH)	4736252	491.23	-3.05	-0.6
Visa(V)	4574983	231.38	-0.40	-0.2
OccidentalPetrol(OXY)	4412191	58.09	-2.60	-4.3
Chevron(CVX)	4374211	156.62	-3.59	-2.2
J&J(JNJ)	4358657	160.78	-1.90	-1.2
Uber(UBER)	4157353	38.45	+0.70	+1.9
BerkHathwy B(BRK.B)	4113122	322.49	-1.39	-0.4
ThermoFisher(TMO)	4083844	524.65	-21.73	-4.0

NYSE American Most Active

Volume Percentage Leaders					
Name (Sym)	Volume	%Chg.	Close	Change	
HNR Acqn(HNRA)	268	821.1	10.56	+0.03	
FirstLightAcqnA(FLAG)	187	409.4	10.32	+0.02	
GranTierraEner(GTE)	3227	116.9	5.61	-0.62	
JawsMustangA(JWSM)	158	96.7	10.47	+0.33	
inTEST(INTT)	1505	92.4	20.60	+0.53	
RileyExpln(REPX)	534	88.5	34.76	-6.93	
BlueRidgeBkshs(BRBS)	230	49.9	7.88	+0.35	
Electromed(ELMD)	113	41.2	11.98	+0.73	
DeltaApparel(DLA)	136	40.4	10.17	-0.97	
CoreMoldingTech(CMT)	439	37.4	20.44	+1.14	
BK Tech(BKTI)	35	35.2	13.13	-0.24	
EvansBancorp(EVBN)	84	32.6	24.25	-1.56	
BluerockHomes(BHM)	133	22.7	16.40	-1.70	
RadiantLogistics(RLGT)	934	15.9	6.15	-0.24	
InfuSystems(INFU)	260	15.7	9.09	+0.04	
EnergyFuels(UUUU)	10319	14.7	6.07	+0.11	
ImperialOil(IMO)	2473	11.8	45.20	-1.43	
AcmeUnidGold(ACU)	36	8.2	25.74	-0.50	
EvolutionPetro(EPM)	1288	3.2	7.02	+0.64	
BarHarborBkshs(BHB)	148	-0.1	22.70	-0.42	

By Share Volume				
Name (Sym)	Volume	Close	Change	%Chg.
UniqueFabricating(UFAB)	172269	0.28	+0.12	+71.0
Senseonics(SENS)	35408	0.76	+0.14	+23.1
B2Gold(BTG)	34127	4.11	-0.01	-0.2
Tellurian(TELL)	33177	1.25	-0.06	-4.6
Globalstar(GSAT)	29144	0.99	-0.01	-0.9
ProtalixBio(PLX)	28156	2.23	-1.04	-31.8
UraniumEner(UEC)	19349	2.65	-0.03	-1.1
AultAlliance(AULT)	19112	0.08	-0.01	-12.1
Zomedica(ZOM)	18148	0.20	-0.01	-4.3
MultiWays(MWG)	17867	0.64	-0.29	-31.4
DenisonMines(DNN)	15823	1.10	+0.04	+3.8
NewGold(NGD)	15302	1.42	+0.03	+2.2
SilverFin(FIN)	12373	0.20	-0.06	-24.5
ParamountGoldNV(PZG)	11316	0.32	-0.02	-6.3
GeniusGroup(GNS)	11170	1.11	-0.01	-0.9
EquinoxGold(EQX)	10812	5.34	-0.34	-6.0
RingEnergy(REI)	10777	1.73	-0.18	-9.4
EnergyFuels(UUUU)	10319	6.07	+0.11	+1.8
AmpioPharm(AMPE)	10027	0.23	+0.02	+8.7
NavideaBiopharm(NAVb)	7529	0.13	-0.04	-25.5

By Dollar Volume				
Name (Sym)	\$ Volume	Close	Change	%Chg.
CheniereEnergy(LNG)	760090	147.91	-0.28	-0.2
B2Gold(BTG)	141451	4.11	-0.01	-0.2
ImperialOil(IMO)	114868	45.20	-1.43	-3.1
UniqueFabricating(UFAB)	83248	0.28	+0.12	+71.0
ProtalixBio(PLX)	76714	2.23	-1.04	-31.8
EnergyFuels(UUUU)	64197	6.07	+0.11	+1.8
EquinoxGold(EQX)	59678	5.34	-0.34	-6.0
UraniumEner(UEC)	51972	2.65	-0.03	-1.1
Tellurian(TELL)	42656	1.25	-0.06	-4.6
SilverCrestMetals(SILV)	37700	7.07	+0.14	+2.0
MAG Silver(MAG)	34410	11.66	-1.68	-12.6
inTEST(INTT)	31406	20.60	+0.53	+2.6
CheniereEnerPtrs(CQP)	28835	45.85	+0.10	+0.2
Globalstar(GSAT)	27943	0.99	-0.01	-0.9
Senseonics(SENS)	25925	0.76	+0.14	+23.1
NewGold(NGD)	21734	1.42	+0.03	+2.2
ParkNational(PRK)	21199	101.53	-4.18	-4.0
NovaGoldRscs(NG)	20889	5.38	-0.24	-4.3
CentrusEnergy(LEU)	20397	30.71	+1.95	+6.8
RileyExpln(REPX)	19457	34.76	-6.93	-16.6

Nasdaq Most Active

Volume Percentage Leaders					
Name (Sym)	Volume	%Chg.	Close	Change	
AbsoluteSftwr(ABST)	33778	5354.2	11.32	+2.75	
ARS Pharm(SPRY)	62085	4777.7	8.04	+1.73	
Franchise(FRG)	28525	1249.7	28.96	-0.45	
FeutuneLightA(FLFV)	576	1247.1	10.46	+0.03	
SocialVgtl A(SLAC)	508	1185.5	10.23	+0.06	
MetalSkyStar(MSSA)	496	851.5	10.48	+0.04	
PRA Group(PRAA)	9598	764.4	18.26	-16.44	
PrimeNumber1 A(PNAC)	1209	669.2	10.51	-0.04	
Valuencel A(VMCA)	2967	655.1	10.61	+0.01	
SyneosHealth(SYNH)	48475	550.4	41.66	+1.94	
GSRIIMeteoraA(GSRM)	4728	530.3	10.38	+0.00	
ANI Pham(ANIP)	1939	523.1	41.67	+2.53	
ZimmerEnerA(ZT)	1318	480.7	10.22	+0.03	
MaravaiLifeSci(MRVI)	37862	446.6	14.83	+0.36	
GenesisUnicornA(GENQ)	183	417.6	10.69	+0.05	
TransActTechs(TACT)	442	383.4	7.02	+1.42	
BlueBird(BLBD)	4343	378.0	26.33	+7.20	
UTA Acqn A(UTAA)	1099	375.9	10.49	+0.03	
Mountain1A(MCAA)	956	360.7	10.82	+0.01	
NubiaBrandA(NUBI)	1224	306.6	10.53	+0.03	

By Share Volume				
Name (Sym)	Volume	Close	Change	%Chg.
Tesla(TSLA)	582245	167.98	-2.08	-1.2
AdvMicroDevices(AMD)	370526	95.26	+5.42	+6.0
Amazon.com(AMZN)	296719	110.26	+4.61	+4.4
PacWestBancorp(PACW)	262274	4.55	-1.21	-21.0

MARKET VIEW

This commentary was issued recently by money managers, research firms, and market newsletter writers. Edited by Barron's staff.

Bad U.S. Budget Math

AM Charts
BMO Financial Group
bmo.com

May 11: The U.S. monthly budget surplus narrowed to \$176 billion in April from the record-high \$308 billion reported a year ago. Surpluses are usually expected in the month because of the large inflow of tax payments. But, revenues fell to \$639 billion this April compared with a record high \$864 billion last year—resulting from a much larger inflow of capital-gains taxes (thanks to the solid financial-market performance).

The total deficit for the first seven months of the fiscal year has now widened to \$925 billion, up sharply from \$360 billion reported in the same period last year. A divided Congress has, so far, been unable to raise the federal debt ceiling, with the nation now facing the very real threat of a fiscal crisis. Treasury Secretary Janet Yellen has said that the government could run out of funds by early June if a budget deal isn't reached.

The clock is ticking.

—Priscilla Thiagamoorthy

The Fed's Take on CRE

The Federal Reserve publishes a Financial Stability Report twice yearly. The following is an excerpt from the May 8 report.
federalreserve.gov/publications

May 8: Valuation pressures in the CRE [commercial real estate] sector have eased slightly since the November report but remained at high levels. Aggregate CRE prices measured in inflation-adjusted terms have declined. These prices are based on repeat sales and may mask growing weaknesses, as more distressed properties are generally less likely to trade. Capitalization rates at the time of property purchase, which measure the annual income of commercial properties relative to their prices, have turned up modestly from their historically low levels. While price declines were widespread across all property types, fundamentals in the office sec-

tor were particularly weak for offices in central business districts, with vacancy rates increasing further and rent growth declining since the November report. In the January 2023 Senior Loan Officer Opinion Survey, or SLOOS, banks reported weaker demand and tighter standards for all CRE loan categories over the fourth quarter of 2022.

Too-Rich Tech Stocks

Market Insights
Scharf Investments
scharfinvestments.com

May 5: Durability thrives on a broad foundation, but just seven stocks supported the market in the first quarter. Apple, Microsoft, Alphabet, Amazon, Nvidia, Meta, and Tesla combined for 82% of the S&P 500's return in the quarter. Healthy markets have a wide breadth of positive returns. Past participants in such market concentration have not fared well. The bursting of the tech bubble in the early 2000s and the comeuppance of the Nifty Fifty in the 1970s come to mind.

While the "stellar seven" sport compelling competitive positions, some of them monopolistic, they are fallible. The dynamism of technology, capitalism, and even regulatory regimes lends itself to a set of new tech leaders every decade or two. In 1999, Microsoft, Cisco, Intel, NTT, Lucent, and Nokia were six of the 10 largest market-cap companies in the world. Only Microsoft remains on that list today, and the stock wandered through the wilderness following the tech bubble.

Despite management growing earnings a cumulative 125% in 1999 to 2009, Microsoft's stock declined 48.17% over the decade as the price/earnings ratio compressed from 58.8 times to 12.8 times. As Warren Buffett wrote in his 1983 Berkshire Hathaway shareholder letter, "For the investor, a too-high purchase price for the stock of an excellent company can undo the effects of a subsequent decade of favorable business developments."

Today, Amazon and Nvidia each trade above a 60 P/E multiple, Tesla's P/E has recently declined from 50 to 44, and Apple's forward P/E is 54% higher than its 10-year average, despite consensus estimates for annualized three-year earnings-per-share growth of just 5.6% vs. actual

"Durability thrives on a broad foundation, but just seven stocks supported the market in the first quarter. Apple, Microsoft, Alphabet, Amazon, Nvidia, Meta, and Tesla combined for 82% of the S&P 500's return in the quarter."

Eric Lynch, Scharf Investments

trailing annualized 10-year EPS growth of 28.7%.

—Eric Lynch

omy and lower the temperature on inflation.

—Katie Nixon

Don't Bet on Rate Cuts

The Weekly Five
Northern Trust Institute
northerntrust.com

May 5: We continue to see future interest-rate hikes as a close call, although it is likely that the Federal Reserve does take a pause here to reflect on the cumulative impact of its policy tightening and assess the potential widening fallout from the banking stress. We lean heavily against the view that the Fed may actually cut the policy rate this year, counter to the growing market narrative which is reflected in fed-funds futures.

There is nothing that we see in the data so far that would support a view that policy will ease, and, absent a significant economic or market event, we assume a lengthy pause from here. The cumulative impact of the policy decisions along with the banking stress may present effectively restrictive conditions to cool off the econ-

Buy Emerging Market Debt

Blog
William Blair
williamblair.com

May 2: There's a lot to like about emerging market debt as we make our way through the second quarter.

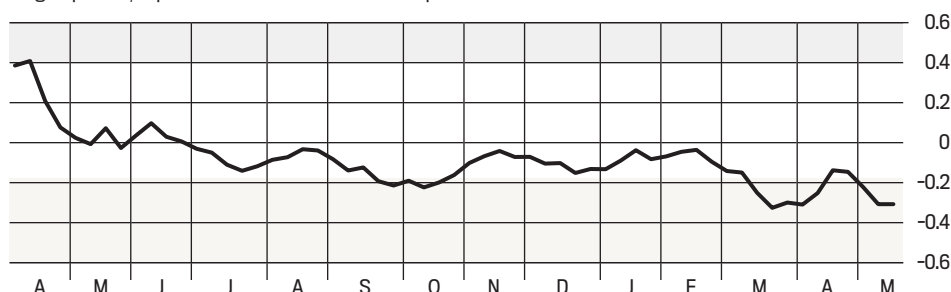
The distressed debt market may present opportunities if default probabilities are overestimated and recovery values are underestimated, as we believe they are. We see value in high-beta, high-yield credit, and are positioned for high-yield/investment-grade spread compression.

We also see select opportunities in EM local-currency debt, where currency valuations and term premiums for local rates appear attractive, and in corporate credit, where there are differentiated fundamental drivers, favorable-supply technical conditions, and attractive absolute valuations.

—Marco Ruijter

Market Sentiment

Citigroup Panic/Euphoria Model Last -0.32 ● Euphoria ○ Neutral ● Panic



The panic/euphoria model is a gauge of investor sentiment. It identifies "Panic" and "Euphoria" levels which are statistically driven buy and sell signals for the broader market. Historically, a reading below panic supports a better than 95% likelihood that stock prices will be higher one year later, while euphoria levels generate a better than 80% probability of stock prices being lower one year later.

Source: Citigroup Investment Research - US Equity Strategy

To be considered for this section, material, with the author's name and address, should be sent to MarketWatch@barrons.com.

Statistics from May 8-12, 2023

Contact Us
For queries, email us at
memberservices@dowjones.com

52-Week	High	Low	Name	Tick	Sym	Yld	P/E	Last	Chg.	Div.
55.00	355.36		Bio-RadLab B	BIO B	...	dd	373.90	+9.05		
1.25	0.11		BirdGlobal	BRDS	...	dd		-1.10	-0.02	
79.79	58.81		BlackHills	BKH	3.8	17	65.59	-0.55	62.50	
72.74	53.15		BlackKnight	BKI	...	36	53.69	-0.37		
10.61	9.88		BlackMountainA	BMAC	...	cc	10.45			
10.50	9.64		BlackSpadeA	BSAQ	...	18	10.36	-0.10		
7.20	3.17		BlackBerry	BB	...	dd	5.01	+0.32		
785.65	503.12		BlackRock	BLK	3.1	20	645.10	+0.625	0.00	
3.73	1.12		BlackSkyTech	BKSY	...	dd	1.26	+0.09		
123.18	17.72		Blackstone	BLX	4.7	cc	82.86	+0.70	82.86	
31.46	16.61		BlackstoneMtg	BXMT14.4	1.1	17	17.18	-0.33		
3.94	0.53		BlendLabs	BLND	...	dd	96.33			
48.76	30.28		BlockHR	HRB	3.6	11	32.04	-0.39	29.25	
93.19	51.34		Block	SQ	...	dd	55.56	-3.69		
11.47	12.33		BloomEnergy	BE	...	dd	12.72	-0.28		
8.22	0.41		BlueApron	APRN	...	dd	47.00			
14.04	8.06		BlueOakCapital	OWL	5.5	cc	10.13	-0.17	10.13	
34.58	16.24		BluegreenVac	BVH	3.1	8	25.42	-0.97	20.25	
93.72	57.50		BlueLinx	BXC	...	dd	4.77	+5.36		
10.51	9.71		BluepaceOpsApp	BOAC	...	85	10.05	+0.02		
22.13	113.02		Boeing	BA	...	dd	200.70	+2.36		
85.17	55.15		BoiseCascade	BCC	8	4	73.36	+372.00		
15.54	50.20		BootsBarn	BOOT	...	13	91.01	-2.86		
112.65	70.26		BoozAllen	BAH	2.0	29	72.05	-0.23	47.40	
3.90	0.69		BogiHolding	BQ	...	dd	1.86	-0.16		
51.14	31.14		BojiWarner	BWA	1.5	11	44.11	-0.50	17.40	
8.13	2.45		BorrDrilling	BORR	...	dd	6.80	-0.28		
22.75	287.00		BostonBeer	SAM	...	63	308.14	-2.17		
14.40	6.68		BostonOmaha	BOC	...	84	20.19	+0.05		
119.79	46.18		BostonProps	BXP	8.1	10	48.42	-3.51	98.90	
53.67	34.98		BostonSci	BSX	...	91	53.34	-1.80		
17.45	8.71		Bowlero	BOWL	...	dd	13.05	-0.18		
34.98	22.31		Box	BOX	...	cc	26.51	-0.06		
71.61	40.10		BoydGaming	BYD	9	11	68.32	-2.28	16.00	
56.35	40.52		Brady	BRC	1.8	16	50.60	-0.29	23.25	
6.64	3.41		BraemarHtIs	BHR	5.0	dd	4.00	+0.03	0.05	
11.31	34.2		BrandywineRealty	BDN	21.0	15	3.62	-0.24	1.95	
7.03	4.11		BrasilAgro	LND	20.5	56	4.87	-0.02	40.018	
19.46	6.26		Braskem	BAK	...	dd	9.87	+0.70		
55.87	23.19		BreadFinancial	BFH	3.1	3	26.70	+0.76	21.25	
19.62	8.43		Brednet	BRD	7.9	19	8.59	+0.03	0.07	
2.15	0.13		BrightHealth	BHG	...	dd	19.04			
94.89	54.19		BrightHorizons	BFAM	...	75	88.85	-1.92		
4.48	1.74		BrightScholar	BEDU	...	dd	1.79	-0.20		
26.88	14.73		BrightSphere	BSIG	2	10	21.65	-0.94	0.01	
9.45	5.21		BrightSpire	BRPS15.0	5.7	53.33	-0.03			
13.73	5.16		BrightView	BV	...	dd	6.31	-0.23		
70.05	48.38		Brink's	BCO	1.3	27	65.23	+1.94		
42.12	21.47		BrinkertIntl	EAT	...	dd	19.59	-1.06		
81.44	65.28		BristolMyers	BMJ	3.3	20	68.06	-0.08	57.57	
0.17	0.09		BristolMyersRt	CEGRT	...	dd		-1.11		
32.74	20.08		Bristow	VTOL	...	70	22.08	-0.69		
45.28	33.54		BritishAmotB	BTI	8.3	10	33.71	-1.89	70.00	
24.65	17.62		BrimxorProP	BRX	5.0	16	20.64	-0.72	26.25	
7.30	3.52		BrookfieldRealty	BRMK	8.9	dd	4.73	-0.17	0.02	
183.33	131.35		BrookridgeFinl	BR	1.9	33	154.57	+1.70	72.50	
22.72	14.98		Brookstone	BNL	7.0	21	16.11	-0.22	28.86	
5.92	2.22		BrookdaleSrLiving	BKD	...	dd	3.72	-0.22		
50.50	26.76		BrookfieldAsset	BAM	4.1	7	31.55	-0.80	0.02	
29.65	16.81		BrookfieldBdc	BBUC	1.3	2	19.85	+1.62	0.02	
31.47	28.25		BrookfieldBn	BN	9	75	30.35	-1.02	0.02	
51.14	37.55		BrookfieldInfr	BIPC	3.4	4	45.95	+2.62	382.50	
43.62	30.03		BrookfieldInfr	BIP	6.3	67	35.55	+0.31	382.50	
43.73	28.30		BrookfieldReinsur	BNRE	0	...	31.24	-0.40		
42.97	27.19		BrookfieldReven	BEPC	3.8	3	35.55	+0.47	0.02	
68.43	52.82		Brown&Browne	BRO	7	27	65.68	+0.37	11.15	
76.60	56.97		Brown-Forman A	BF A	1.3	43	64.89	-0.69	209.50	
78.15	60.23		Brown-Forman B	BF B	1.3	42	64.27	-0.40	209.50	
93.15	61.89		Brunswick	BC	2.1	9	77.02	-5.65	40.00	
50.35	26.50		Buckle	BKE	4.2	7	33.41	-0.34	3.35	
9.45	5.09		Buenaventura	BVN	1.2	25	7.00	-0.23	0.07	
116.17	42.17		BUILD-A-Bear	BBW	0	7	21.41	-0.63	150.00	
29.93	18.91		BuildersFirst	BLDR	...	7	115.84	+4.59		
118.99	80.41		Bunge	BG	2.8	9	90.30	-2.55	662.50	
13.85	6.09		BurfordCapital	BUR	1.9	...	13.45	+0.03	0.02	
239.94	106.47		BurlingtonSts	BURL	...	50	174.24	-9.62		
8.72	1.63		ButterflyNtwk	BFLY	...	dd	1.81	-0.34		
26.00	16.40		BylineBancorp	BY	2.1	7	17.26	-1.12	0.05	
C										
319.33	245.32		CACI Int'l	CACI	...	20	306.73	+1.04		
4.43	2.54		CBD Pao	CBD	...	3	3.32	-0.29		
53.47	37.01		CBIZ	CBZ	...	21	49.79	-2.05		
32.38	21.81		CBL&Assoc	CBL	6.8	dd	21.92	-1.15	375.00	
10.58	66.31		CBRE Group	CBRE	...	21	73.10	-1.45		
89.66	9.79		CNEBERgerill A	CPRC	...	17	10.45	+0.06		

DATA

NEW YORK STOCK EXCHANGE COMPOSITE LIST

BARRONS.COM/DATA

-52-Week-										-52-Week-										-52-Week-										-52-Week-																				
High	Low	Name	Tick	Sym	Yld	P/E	Last	Chg.	Div	High	Low	Name	Tick	Sym	Yld	P/E	Last	Chg.	Div	High	Low	Name	Tick	Sym	Yld	P/E	Last	Chg.	Div	High	Low	Name	Tick	Sym	Yld	P/E	Last	Chg.	Div											
119.60	63.81	CF Industries	CF	2.4	4	66.53	-3.11	4.00		36.88	17.87	Civeo	CVEO	...	dd	20.71	+0.52	...		303.82	226.70	Danaher	DHR	5	25	227.34	-15.10	27		7.50	3.68	Emeren	SOL	...	3	3.80	-0.18	...	12.30	1.31	FiscalNote	NOTE	...	dd	1.73	+0.08	...			
10.70	9.91	CSAcqna	CXAC	...	cc	10.57	+0.04	...		84.76	44.17	CivitasRscs	CIVI	3.0	4	66.52	-0.97	1.62		57.12	51.10	Danaos	DAC	5.3	2	56.58	-0.07	.75		40.45	7.74	EmergentBiosol	EBS	...	dd	9.18	+0.22	...	11.59	4.26	Fisker	FSR	...	dd	6.09	-0.13	...			
103.50	72.23	CGIA	GIB	...	cc	102.66	+2.22	...		15.11	7.39	Clarivate	CLVT	...	dd	8.00	+0.35	...		5.92	1.57	DanimerScientific	DNMR	...	dd	2.93	-0.35	...		99.65	72.41	EmersonElec	EMR	2.5	24	82.52	-1.88	.52		5.42	1.88	FivePoint	FPH	...	dd	2.33	...	...		
17.28	3.40	CIGT	CINT	...	cc	1.39	-0.50	-21.01	...	21.09	10.51	ClaroMtg	CMTG	3.15	13	10.96	-0.41	.37		17.78	36.91	DaqoNewEnergy	DQ	...	cc	2.42	-1.95	...		8.68	5.39	EmpireStateRealty	ESRT	2.5	17	5.56	-0.23	0.35		47.66	26.16	FiverIntl	FVRR	...	dd	27.94	+1.18	...		
71.97	52.41	CMS Energy	CMS	3.2	26	61.72	-0.26	48.75		147.76	81.56	CleanHarbors	CLH	...	dd	17.38	+2.81	...		155.90	110.96	Darden	DRI	3.3	19	148.55	-4.54	1.21		46.73	32.58	EmployersHdgs	EIG	3.0	14	37.76	-1.05	.28		10.47	9.75	FlameAcqna	FLME	...	dd	10.15	...	...		
46.52	35.90	CNA Fin	CNA	4.2	12	39.85	-0.08	.42		2.14	0.91	ClearChannelMed	CCO	...	dd	1.08	-0.22	...		87.59	51.77	DarlingIngred	DAR	...	dd	14.62	+4.71	...		10.51	3.88	EmpresDisCom	EDN	...	dd	9.12	+1.44	...	251.61	161.69	FleetCorTech	FLT	...	dd	18	22.04	-4.15	...		
17.98	10.60	CNH Indl	CNHI	2.8	9	14.07	-0.13	38.23		35.00	18.94	ClearSecure	YOU	...	dd	25.01	-0.02	20		103.36	65.28	DaViTa	DVA	...	dd	18	93.72	+2.55	...		47.67	35.02	Enbridge	ENB	6.8	43	38.24	-1.47	62		38.24	23.25	FlexCom	FLNG	9.1	9	32.94	+0.75	.25	
26.35	16.56	CNO Financial	CNO	2.7	9	21.00	-0.36	15		20.00	11.23	ClearwaterAnalytic	CWAN	...	dd	15.01	+0.65	...		503.48	212.93	DeckersOutdoor	DECK	...	dd	27	490.58	+5.34	...		66.44	42.16	EncompassHealth	EHC	10	23	61.30	-1.16	15		102.61	59.91	Floor&Decor	FND	...	dd	33	92.57	+0.13	...
24.21	14.36	CNX Resources	CNX	...	dd	15.52	+0.31	...		46.48	29.92	ClearwaterPaper	CLW	...	dd	31.45	-0.68	...		448.40	283.81	Deere	DE	1.3	14	373.98	-7.11	12.5		115.86	48.74	Endava	ENDA	...	cc	3.40	-0.81	...	1.54	0.57	FlotekIndustries	FTK	...	dd	.65	+0.02	...			
79.17	40.20	CONSOL Energy	CEIX	7.3	3	59.22	-3.29	11.00		38.65	27.40	ClearwayEnergyAc	CWEN	4.3	6	29.88	-0.70	38.8		64.47	41.80	DelekLogistics	DKL	9.8	12	41.95	-2.21	0.25		26.26	18.58	Endeavor	EDR	...	dd	23.97	-1.13	...	30.16	24.15	FlowersFoods	FLO	3.1	27	28.66	+0.22	.22			
52.20	31.22	CRH	CRH	2.6	10	48.98	-0.52	100		9.66	1.13	CloopenGroup	RAAS	...	dd	1.20	-0.10	...		35.45	19.39	DelekUS	DK	4.2	5	22.10	+1.27	.23		37.89	24.81	Enervizer	ENR	3.4	dd	35.07	+2.33	.30		38.86	23.89	Flowserve	FLO	2.3	20	34.96	-0.41	.20		
29.99	5.27	CS Disco	LAW	...	dd	5.67	...	...		24.66	11.83	Cleveland-Cliffs	CLF	...	dd	16.49	-0.24	...		52.60	32.90	DellTechC	DELL	...	dd	14	44.76	-0.63	...		3.10	0.98	EnelChile	ENIC	10.6	3	3.04	+0.12	0.08		38.20	21.68	Fluor	FLR	...	dd	25.83	-1.38	...	
23.07	15.90	CTO Realty	CTS	9.4	dd	16.20	-0.15	.38		9.43	5.09	ClipperRealty	CLPR	7.2	dd	5.28	-0.29	09		42.45	27.20	DeltaAir	DAL	...	dd	11	33.23	-0.71	...		7.64	3.86	Ennerflex	ENFX	1.2	dd	6.13	-0.10	08		101.80	58.73	FomentoEconMex	FMX	1.4	10	100.93	+2.90	108	
49.59	31.90	CTS	CTS	4	24	42.51	+1.10	.04		3.96	1.13	CloopenGroup	RAAS	...	dd	1.20	-0.10	...		25.64	13.61	Deluxe	DLX	8.2	11	14.66	+0.25	30		37.89	24.81	Enervizer	ENR	3.4	dd	35.07	+2.33	.30		47.22	23.85	FotoLocker	FL	4.1	11	39.23	-1.85	.40		
34.68	10.16	C3ai	AI	...	dd	19.42	+0.72	...		178.21	120.50	Clorex	CLX	2.8	cc	169.13	-0.47	1.18		104.05	56.59	Denbury	DEN	...	dd	9	90.77	+1.81	...		13.67	9.15	EnergyTransfer	ET	10.0	9	12.32	-0.04	30.75		16.68	10.61	FordMotor	F	5.1	16	11.67	-0.32	.65	
8.89	1.26	Curo	CUR033	...	dd	1.32	-0.31	.11		80.99	37.37	Cloudflare	NET	...	dd	49.43	+5.36	...		19.38	7.36	DesignerBrands	DBI	2.7	3	7.45	-0.38	.05		16.40	1.35	EnergyVault	ENGV	...	dd	1.95	+0.15	...	10.67	9.75	ForestRoadIII A	FRXB	...	dd	46	10.11	+0.01	...		
43.61	23.02	CVR Energy	CVI	8.4	4	23.83	-0.01	.00		3.37	1.25	CN Finance	CNF	...	dd	1.1	3.05	+0.47	...		3.65	1.13	DesktopMetal	DM	...	dd	1.71	-0.04	...		28.57	16.09	EnserpacTool	EPAC	2	56	24.10	+0.41	.04		20.32	10.28	Forestal	FOR	...	dd	7	19.87	+0.28	...
149.35	80.30	CVR Partners	CVN	39.0	3	84.03	-1.97	0.43		66.38	54.02	Coca-Cola	KO	2.9	28	64.11	+0.09	.46		19.40	44.03	DevonEnergy	DVN	10.6	5	47.52	-2.84	52		19.23	11.00	Ennerpac	ENR	1.4	3	14.05	-0.56	05		29.11	1.21	ForgeGlobal	FRGE	...	dd	1.32	-0.07	...		
107.26	68.10	CvsHealth	CVS	3.5	23	68.58	-2.10	6.05		91.23	51.96	Coca-Cola FemsCo	KOF	3.0	18	88.73	+0.25	3.98		13.57	7.25	DevonEnergy	DB	2.0	4	10.46	-0.21	15		94.32	55.60	Enersys	ENS	8	25	83.66	-0.73	.175		25.00	14.73	ForgeRock	FORG	...	dd	20.09	+0.48	...		
1464.20	609.85	CableOne	CABO	1.7	36	67.10	-24.02	85.85		4.55	2.54	CoeurMining	CDE	...	dd	3.34	-0.21	...		79.40	44.03	DevonEnergy	DVN	10.6	5	47.52	-2.84	52		50.89	34.76	Fortis	FTS	3.7	20	45.42	-0.03	42.11		50.89	34.76	Fortis	FTS	3.7	20	45.42	-0.03	42.11		
83.74	59.65	Cabot	CBT	2.1	12	69.11	-2.21	40		68.72	52.34	Cohen&Steers	CNS	4.2	16	54.30	-0.81	52		194.04	160.09	Diageo	DEO	2.0	23	178.22	-9.54	0.97		16.76	8.00	Enfusion	ENFN	...	cc	8.07	-0.58	...	69.78	52.47	Fortiva	FTV	4	30	64.51	-0.21	.07			
58.30	34.67	Cactus	WHD	1.3	17	34.91	-3.81	11		76.87	26.29	Coherent	COHR	...	dd	27.81	-4.02	...		130.50	5.17	DiamondOffshore	DO	...	dd	11.58	+0.07	...		22.65	15.01	EngageSmart	ESMT	...	cc	16.72	+0.72	...	4.20	2.05	FortunaSilver	FSM	...	dd	3.48	-0.45	...			
29.41	16.95	CadenceBank	CADE	5.3	8	17.88	-1.23	23.35		83.81	67.84	ColgatePalm	CL	2.3	43	81.98	+1.39	.48		11.02	7.14	Diamondrock	DRH	1.5	17	8.07	-0.41	.03		25.25	11.65	Enhabit	EHAB	...	dd	12.22	-1.02	...	67.71	45.25	FortuneBrands	FBIN	1.4	14	65.25	+1.40	.23			
31.50</																																																		

DATA

NEW YORK STOCK EXCHANGE COMPOSITE LIST

BARRONS.COM/DATA

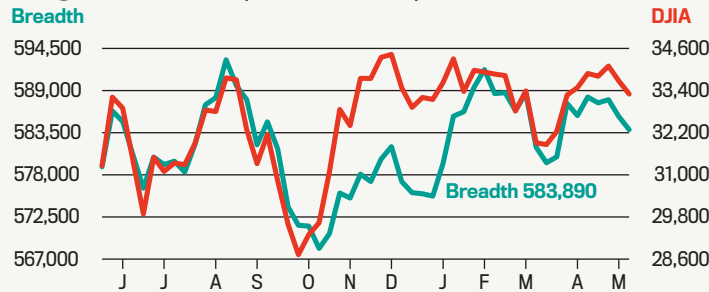
-52-Week-		Tick	Sym	Yld	P/E	Last	Chg.	Div
High	Low							
709.21	440.48	Grainger	GWV	1.1	21	684.62	+9.11	1.86
44.15	25.35	GraniteConstr	GVA	1.4	22	37.01	+1.18	1.13
11.15	3.97	GranitePointMtg	GPMT	2.9	dd	4.31	+0.18	2.20
14.00	4.82	GraniteRidge	GRNT	7.4	4	5.15	-0.80	1.11
26.16	19.08	GraphicPkg	GPK	1.5	13	25.95	+0.25	1.10
29.99	10.30	GravitasEduc	GEHI	...	...	15.02	+0.42	...
20.83	6.50	GrayTelevision	GTN	4.2	2	7.60	+0.59	0.08
11.50	7.40	GrayTelevision A	GTNA	4.0	2	7.92	+0.42	0.08
19.33	5.29	GreatAjax	AJX	15.0	dd	5.33	-0.25	2.02
53.72	16.80	GreenBrickPtrs	GRBK	...	...	50.26	+2.18	...
30.29	14.96	GreenDot	GDOT	...	14	16.75	-2.05	...
44.70	23.80	Greenbrier	GBX	4.1	23	26.54	-0.36	27
14.17	5.65	Greenhill	GHL	5.9	dd	6.75	+0.07	10
4.79	2.32	GreenTree	GHG	...	...	4.38	+0.03	...
84.87	55.84	Greif B	GEF.B	3.9	7	76.51	-1.44	.75
74.22	57.10	Greif A	GEF	3.2	8	63.07	-0.16	.50
19.54	15.91	GreystoneHousing	GHI	9.2	7	16.08	-0.37	37
43.74	23.89	Griffon	GFF	1.6	dd	30.73	-1.37	125
71.51	4.50	Grindr	GRND	...	...	6.34	+0.06	...
242.68	136.16	Group1Auto	GPI	...	7	521.48	-2.81	.45
12.50	0.18	GroveCollab	GROV	...	...	.49	...	...
200.85	126.01	GpoAeroportuar	PAC	2.8	...	181.73	+4.49	0.08
314.48	179.01	GpoAeroportSur	ASR	2.7	16	286.45	+4.34	0.08
4.93	1.96	GpoAvalAcc	AVAL	3.5	14	2.36	-0.16	0.06
3.22	1.20	GpoSuperveille	SUPV	1.3	dd	2.34	+0.21	0151
10.39	4.38	GrupeTelevisa	TV	...	...	4.82	-0.02	...
37.89	22.12	GuarantyBcsrs	GNTY	4.0	7	22.91	-0.29	23
24.15	14.27	Guess	GES	5.0	8	18.13	-0.10	225
83.14	52.08	Guidewire	GWRE	...	...	78.58	+1.68	...
12.91	8.00	GuidHlds	GHLH	...	7	10.05	+0.14	...
108.10	60.15	GulportEnergy	GPOR	...	1	95.82	+5.29	...

H

-52-Week-		Tick	Sym	Yld	P/E	Last	Chg.	Div
High	Low							
294.02	164.47	HCA Healthcare	HCA	...	9	175.87	-2.19	.60
73.16	27.65	HCI Group	HCI	2.8	dd	56.69	+6.97	.40
71.76	51.04	HDFC Bank	HDB	...	22	67.95	+0.93	0.02
66.19	37.12	HF Sinclair	DINO	4.5	3	40.05	+1.67	.45
10.68	9.78	HH&L Acqn	HHLA	...	30	10.41	+0.01	...
39.44	24.61	HNI	HNI	4.6	10	27.71	+2.49	.32
40.79	24.08	HP	HPQ	3.6	12	28.90	-1.23	265
39.63	24.77	HSBC	HSBC	5.6	7	37.50	-0.70	.50
6.50	1.64	HUYA	HUYA	...	...	3.19	+0.02	...
91.39	52.84	Haemonetics	HAE	...	40	89.45	+7.20	...
13.58	7.64	Hagerty	HGTY	...	...	9.25	-0.35	...
9.05	5.59	Haleon	HLN	...	30	8.73	-0.06	0577
43.99	23.30	Halliburton	HAL	2.2	13	28.61	-1.27	.16
14.93	9.18	HamiltonBeach	HBB	4.1	11	10.63	+0.65	1.1
13.28	4.02	Hanesbrands	HBI	...	...	4.05	-0.37	...
46.24	21.56	HannonArmstrong	HASI	6.2	cc	25.45	-0.73	0.02
149.64	115.26	HanoverIns	THG	2.7	dd	119.87	+0.83	.81
51.77	29.80	HarleyDavidson	HOG	2.0	6	33.67	-1.77	165
5.43	1.94	HarmonyGold	HMY	...	31	5.10	-0.11	...
9.70	3.73	Harsco	HSC	...	...	9.13	-0.02	...
79.44	60.17	HartfordFinn	HIG	2.4	12	69.52	-0.21	425
38.85	22.77	HavertyFurn	HVT	4.3	5	25.98	-0.25	.28
40.41	33.18	HawaiianElec	HE	3.9	18	37.11	-1.88	1.06
11.04	9.70	HawksAcqna	HWKZ	...	95	10.25	+0.05	...
16.49	7.97	Hayward	HAYW	...	23	11.47	-0.92	...
30.76	18.00	HealthcareRealty	HR	5.2	dd	20.14	+0.01	31
30.95	20.21	HealthpeakProp	PEAK	5.7	21	20.97	-0.51	30
10.86	9.88	HeartlandMediaA	HMA	...	24	10.47	+0.01	...
7.00	3.41	HecaMining	HL	...	3	5.33	-0.79	0.025
177.55	126.95	Heico	HEI	1	64	165.96	-4.13	.10
140.60	102.33	Heico A	HELA	2	51	131.85	-3.62	.10
4.60	0.19	Heliogen	HLGN	...	...	.29	...	...
73.64	48.27	HeliixTech	HLIO	7	22	54.37	-7.56	.09
9.16	2.47	HelixEnergy	HLX	...	...	6.73	-0.28	...
54.59	30.41	Helm&Payne	HP	3.2	10	31.15	-1.09	235
30.65	12.04	Herbalife	HLF	...	6	14.03	-0.04	...
164.27	83.43	HercHoldings	HRI	2.5	9	100.19	-1.31	6325
16.28	10.94	HerculesCapital	HCTG	11.7	9	13.34	-0.24	.08
4.85	1.12	HertelInsurance	HRTG	5.2	dd	4.64	+0.88	0.06
12.15	5.76	HershaHospitality	HSY	1.5	33	274.58	-751.036	...
276.88	201.42	Hershey	HES	1.3	19	132.79	-3.51	4735
34.99	24.33	HessMidstream	HESM	8.2	14	28.68	-0.26	5851
17.25	11.90	HewlettPackard	HPE	3.5	21	13.83	-0.28	.12
75.47	47.38	Hewlett	HXL	...	70	40.76	-1.59	125
40.41	19.45	HighwoodsProp	HIW	9.6	14	20.74	-1.51	.50
53.54	36.16	Hillenbrand	HL	1.9	19	46.80	-0.18	22
34.87	24.18	Hilltop	HTH	2.1	18	30.72	-0.84	.16
51.81	32.12	HiltonGrandVac	HGV	...	13	40.90	-0.60	...
152.89	108.41	Hilton	HILT	...	4	141.58	-3.03	.15
6.50	4.93	HimalayaShipping	HSH	...	...	5.57	-0.24	...
12.34	3.30	Hims&HersHealth	HIMS	...	...	10.81	-1.23	...
44.00	11.30	Hippo	HIPO	...	...	19.25	+0.82	...
18.66	6.88	HierRight	HRT	...	6	9.84	+0.04	...
12.68	1.88	Holley	HLLY	...	6	3.07	+0.75	...
20.00	15.12	HollyEnergy	HEP	8.5	9	16.46	+0.07	.35
26.20	19.77	HomeBancShares	HOMB	3.6	12	19.92	-1.04	.18
347.25	264.51	HomeDepot	HD	2.9	17	290.47	+0.852	.09
28.05	21.44	HondaMotor	HMC	4.8	9	27.75	+1.00	4426
42.24	30.61	HoraceMannEdu	HMM	2.0	dd	33.24	+0.09	33
51.46	37.78	HormelFoods	HRL	2.7	20	40.24	-0.96	275
113.25	29.58	DR Horton	DHI	...	9	108.59	+0.47	25
102.36	74.18	HoulihanLokey	HLI	2.4	23	88.70	+1.39	.53
84.59	33.20	Hovnanian	HOV	...	3	80.95	+6.11	...
89.08	50.90	HowardHughes	HHC	...	24	75.71	-0.93	...
48.70	19.84	HowmetAerospace	HWM	4	38	43.96	-0.04	.04
252.19	270.21	Hubbell	HUBB	1.6	26	273.52	+4.13	1.12
648.88	245.03	HubSpot	HUBS	...	...	462.17	+1.96	...
4.33	3.08	HudbayMinerals	HBM	...	3	4.66	-0.53	0076
21.08	4.30	HudsonPacProp	HPP	22.8	dd	4.38	-0.84	...
57.30	410.87	Humana	HUM	...	7	512.73	-7.87	885
260.02	188.51	HuntingIngalls	HI	2.5	14	195.27	-2.24	1.24
37.13	23.54	Huntsman	HUN	3.8	12	25.06	-1.58	0.025
125.07	70.12	HyattHotels	H	...	0	113.55	-2.75	1.0

NYSE Cumulative Daily Breadth vs DJIA

Land of Confusion: NYSE Composite breadth fell, as the S&P 500 dipped 0.3% amid concerns about the strength of the U.S. economy. Losing NYSE stocks outpaced winners by three to two.



In generating this chart, we subtract each day's NYSE composite declines from that day's advances. The resultant total is added to the next day's total, and so on. When all five day's numbers are added together, this produces the weekly figure we plot. Dec. 31, 1985 = 1000.

-52-Week-		Name	Tick	Sym	Yld	P/E	Last	Chg.	Div.
High	Low								
4.71	1.22	Hyliion	HYLN	...	dd	1.82	+0.14	...	
57.61	20.99	HysterYaleMatlis	HY	2.6	dd	49.67	-3.94	0.02	
I									
23.75	17.07	ICICI Bank	IBN	.5	19	22.98	+0.03	1124	
12.53	5.91	ICL Group	ICL	2.5	4	6.16	+0.06	0.02	
115.92	93.53	IDACORP	IDA	2.9	21	109.19	-1.78	.79	
35.18	21.68	IDT	IDT	...	18	32.57	-0.49	...	
12.77	4.91	IHS Holding	IHS	...	dd	8.48	-0.87	...	
14.72	8.14	ING Groep	ING	4.5	...	12.69	+0.26	0.02	
3.53	0.64	INNOVATE	VATE	...	dd	1.72	-0.97	...	
20.56	13.20	Invesco	IVZ	5.3	11	15.22	-1.35	.20	
249.11	165.75	IQVIA	IQV	...	34	188.18	-0.34	...	
7.10	3.16	IRSA	IRS	...	3	5.69	+0.34	...	
95.18	63.77	ITT	ITT	1.4	17	81.59	-2.54	0.02	
3.34	0.92	IamGold	IAG	...	dd	3.24	...	...	
10.78	9.94	IconicSportsA	ICNC	...	25	10.55	+0.01	...	
246.23	172.19	IDEX	IDEX	1.2	27	208.47	-4.46	.60	
4.26	1.34	iHuman	IH	...	11	3.27	-0.02	...	
253.37	173.52	IllinoisToolWorks	ITW	2.3	23	228.52	-1.79	1.01	
21.82	12.13	Imax	IMAX	...	dd	18.89	-0.30	...	
5.25	2.77	IndependenceContr	ICD	...	dd	2.88	-0.21	...	
24.17	14.55	IndepRealty	IRT	3.3	75	17.14	+0.20	1.0	
10.77	9.81	InfiniteAcqna	INFT	...	65	10.48	...	...	
10.69	9.99	InFinTAcqna	IFIN	...	cc	10.69	+0.03	...	
23.67	13.29	Informatica	INFN	...	...	14.71	+0.20	...	
20.60	14.71	Infosys	INFY	1.6	21	15.08	-0.17	2013	
60.39	39.28	IngersollRand	IR	1	36	58.25	-0.92	.02	
90.81	54.02	Ingevity	INGVT	...	10	54.50	-6.07	...	
113.20	78.81	Ingredd	INGR	2.6	13	109.58	+1.18	.71	
139.54	63.36	InnovativeIndProp	INPR	10.4	12	69.42	+0.06	180	
5.47	0.75	Innovid	CTV	...	dd	.89	-0.04	...	
131.09	87.74	Insperity	NSP	1.9	21	111.50	-6.29	.52	
295.36	157.04	InspireMedical	INSP	...	dd	293.89	+6.70	...	
125.87	69.44	InstalledBldg	IBP	1.2	14	113.10	-4.06	0.03	
45.56	24.00	InsteelInds	IIIN	...	4	7	29.89	+0.59	.03
31.47	15.83	Instructure	INST	...	dd	23.48	-1.61	...	
86.18	50.05	IntegerHoldings	ITGR	...	39	78.40	-3.85	...	
10.90	9.94	IntegratedRailA	IRRX	...	32	10.63	+0.04	...	
10.85	9.93	IntegratedWellA	WEL	...	cc	10.65	+0.03	...	
10.37	88.60	ICE	ICE	1.5	42	108.59	-2.88	0.02	
72.10	46.06	InterContinental	IHG	2.1	32	66.49	-2.24	.945	
29.50	19.75	InterPartFinSvc	IFS	5.2	6	22.91	+0.60	1.18	
53.521	115.55	IBM	IBM	5.4	63	122.84	-0.81	66.6	
35.31	81.53	Int'lFlavors	IFV	3.9	dd	12.86	-13.29	.81	
28.98	15.01	IntlGameTech	IGT	3.1	24	26.14	-1.35	0.02	
39.32	30.69	IntlPaper	IP	5.8	6	31.76	-0.59	0.02	
39.525	17.89	IntlSeaways	INSW	1.2	3	39.15	+1.40	0.50	
39.52	15.4	Interpuc	IPG	3.4	16	36.77	+1.18	.31	
74.66	18.26	IntrepidPotash	IPI	...	6	18.83	-2.09	...	
82.90	20.82	InvenTrust	IVT	4.0	33	21.75	-1.05	125.055	
18.13	9.48	InvescoMgt	IVR	15.0	dd	10.67	+0.59	.40	
19.00	1.17	Invitae	NVTA	...	dd	1.39	-0.15	...	
10.20	28.52	InvitatHomes	INVH	3.1	68	34.01	-0.38	.26	
8.61	3.04	IonQ	IONQ	...	dd	6.35	+0.45	...	
57.21	43.33	IronMountain	IRM	4.5	28	55.09	-1.30	0.08	
6.38	2.00	IronNet	INT	...	dd	28	-0.02	...	
6.07	3.90	ItauUnibanco	ITUB	...	9	5.42	+0.20	...	

-52-Week-										-52-Week-										-52-Week-										-52-Week-										
High	Low	Name	Tick	Sym	Yld	P/E	Last	Chg.	Div	High	Low	Name	Tick	Sym	Yld	P/E	Last	Chg.	Div	High	Low	Name	Tick	Sym	Yld	P/E	Last	Chg.	Div	High	Low	Name	Tick	Sym	Yld	P/E	Last	Chg.	Div	
17.10	2.03	NineEnergy	NINE	...	7	3.08	-0.57	...		47.03	20.37	ParTechnology	PAR	...	dd	31.75	+2.41	...		2.74	1.55	Rafael	RFL	...	dd	1.91	-0.05	...		89.34	63.17	SensientTech	SXT	2.2	23	73.63	-2.17	.41		
32.08	23.78	NiSource	NI	3.5	19	28.49	-0.05	.25		21.49	13.01	Paragon28	FNA	...	dd	17.84	-0.66	...		128.94	82.23	RalphLaure	RL	2.7	15	112.36	-1.48	.75		30.00	12.69	SentinelOne	S	...	dd	17.57	+0.68	...		
21.98	11.78	NoahHoldings	NOAH	...	7	14.86	-0.21	...		9.15	3.90	ParamountGroup	PGRE	7.1	dd	4.35	-0.15	0.075		37.44	22.61	RegalResources	RRC	1.2	3	26.38	-1.08	.08		4.17	1.86	SequansComms	SQNS	...	...	2.35	...	...		
45.50	22.64	Noble	NE	...	5	37.23	+0.14	...		16.92	10.80	ParkAerospace	PKK	3.9	24	12.73	+0.01	.125		12.04	8.50	RaydenEnergySvcs	RNGR	...	10	11.15	-0.08	...		14.52	4.90	SeeritageGroup	SRG	...	dd	7.54	-0.13	...		
5.28	3.99	Nokia	NOK	1.7	5	40.3	-0.08	0.039		19.47	10.70	ParkHotels	PKH	3.1	12	13.44	-0.50	.15		13.18	2.66	Ranpak	RANP	...	dd	3.37	+0.43	...		75.11	56.85	ServiceCorp	SC	1.6	21	66.08	+0.01	.27		
21.45	12.50	NomadFoods	NOMD	...	13	18.24	-1.24	...		364.57	230.44	ParkerHannifin	PH	1.8	28	323.99	-9.31	1.48		126.00	82.00	RaymondJames	RJF	2.0	1	84.41	-1.79	.42		521.58	337.05	ServiceNow	NOW	...	cc	44.50	+20.40	...		
4.23	3.00	Nomura	NMR	3.6	17	3.55	+0.03	0.024		50.15	35.41	Parsons	PSN	...	dd	50.44	-3.47	...		9.84	2.44	RayonierAdvMatls	RYAM	...	dd	4.37	-1.27	...		93.83	41.50	ServisFirst	SFVS	2.7	9	49.57	-5.61	.28		
4.65	1.80	NordicAmTankers	NAT	7.0	62	3.56	+0.09	.15		402.78	255.82	PaycomSoftware	PAYC	...	50	268.51	-4.12	...		42.05	27.81	Rayonier	RYN	3.5	51	29.68	-0.27	0.285		67.50	37.72	ShakeShack	SHAK	...	dd	65.21	-0.32	...		
27.72	14.80	Nordstrom	JWN	5.1	10	14.78	-0.50	.19		18.25	6.75	Paymentus	PAY	...	dd	9.00	-0.82	...		104.91	80.27	RaytheonTech	RTX	2.5	26	95.99	-0.59	.59		1.75	0.27	Shapeways	SPHW	...	dd	43	+0.05	...		
264.22	190.33	NorfolkSouthern	NSC	2.4	16	21.91	+3.19	1.35		34.50	11.29	Paysafe	PSFE	...	dd	13.37	-0.58	...		14.98	9.36	ReadyCapital	RC	15.6	8	10.28	+0.02	.40		62.75	44.90	Shell	SHEL	3.6	5	60.36	-0.77	.575		
197.30	9.20	NorthAmConstr	NOA	1.5	11	12.95	-0.04	0.74		32.89	17.42	PeabodyEnergy	BTU	1.3	2	22.58	-0.23	0.075		75.11	55.50	RealtyIncome	RI	4.4	44	62.03	-0.92	0.255		278.31	195.24	SherwinWilliams	SHW	1.1	28	227.43	-3.41	6.05		
20.18	10.03	NoEuroOil	NET	21.2	6	15.36	+0.63	0.05		47.00	8.00	PeakstoneRealty	PKST	...	dd	19.97	+2.71	.025		4.69	1.67	Redwire	RDW	...	dd	2.73	-0.19	...		76.40	29.39	Shift4Paymts	SHF	...	45	61.55	-0.64	...		
39.10	21.45	NorthernOil&Gas	NOG	4.7	2	31.51	-0.32	.37		12.03	8.84	Pearson	PSO	2.6	25	10.19	-0.13	.1815		10.44	5.47	RedwoodTrust	RWT	16.3	dd	5.65	-0.23	...		36.64	22.98	ShinhanFin	SHO	3.8	4	25.83	-1.11	1.074		
10.76	9.74	NorthernStrIII	NSTC	...	28	10.10	-0.03	...		24.30	12.37	PebblebrookHdng	PEB	...	3	dd	14.20	-0.42	.01		162.89	108.28	RegalRexnord	RRX	1.1	24	126.70	-2.22	.35		65.54	23.63	Shopify	SHOP	...	dd	61.33	-0.70	...	
10.74	9.75	NorthernStrIV	NSTD	...	29	10.11	...	...		23.95	12.84	PediatricRxMedical	MD	...	11	13.85	+0.16	...		49.30	24.38	RegionalMgmt	RM	4.7	7	25.65	-1.48	.30		10.88	9.88	ShutterstockUpTech	SHUT	...	91	38.08	+0.02	...		
556.27	430.94	NorthropGrum	NOC	1.6	14	438.76	-8.05	1.73		10.77	9.89	PegasusDigA	PGSS	...	25	10.54	...	...		24.33	13.94	RegionsFin	RF	5.1	7	15.74	-0.80	.20		81.23	44.61	Shutterstock	STSK	2.1	23	52.04	+0.41	.27		
55.97	42.37	NorthWestNat	NWN	4.2	16	45.47	-1.38	4.85		42.74	29.59	PembinaPipeline	PBA	6.2	9	32.24	-0.30	.4867		1.85	0.50	Regis	RGS	...	dd	1.02	-0.09	...		13.38	7.77	Sigant-Stallwater	SSBW	5.9	5	7.84	-1.77	.2675		
18.67	10.31	NorwegCruise	NCLH	...	dd	13.24	-0.89	...		7.27	4.70	PennantPark	PNTT	1.4	dd	5.23	+0.30	.20		153.55	109.06	ReinsGrp	RGR	2.2	11	148.44	+2.68	.80		83.42	48.31	Sibanye-Jewellers	SJ	1.3	12	17.18	-2.72	.23		
6.99	3.38	NouveauxMonde	NMG	...	dd	3.50	-0.16	...		73.79	38.53	PennyMacFin	PMT	1.3	10	59.54	+1.06	.20		264.42	160.29	RelianceSteel	RS	1.7	9	241.22	-2.34	1.00		55.41	38.59	SilganHoldings	SLGN	1.5	16	48.28	+0.28	.18		
105.56	74.09	Novartis	NVO	2.2	32	103.14	-1.58	3.64		16.60	10.78	PennyMacMtg	PMT	13.7	dd	11.70	-0.05	...		223.80	121.8	RenaissanceRc	RNR	...	7	dd	208.91	+2.61	.38		49.91	19.13	SilverBowRscs	SBOW	...	1	23.62	+1.02	...	
172.97	95.02	NovoNordisk	NVO	...	45	171.27	+0.83	1.887		155.36	94.49	PenskeAuto	PAG	1.6	8	140.13	-1.12	.66		33.91	1.01	Renren	RENN	...	dd	1.02	-0.09	.558		10.08	9.95	SilverBoxIIA	SBXC	...	...	10.06	+0.02	...		
5.99	3.26	NuHoldings	NHU	...	7	45	17.81	+0.31	...	60.85	38.55	Pentair	PNR	1.5	20	58.80	+0.93	.22		10.40	24.35	PerkinElmer	PERI	...	1.0	56	40.14	+0.31	3169		10.82	4.37	Similarweb	SMWB	...	dd	5.26	-0.56	...	
47.84	29.96	NucorSteels	NUS	4.2	24	37.10	-1.77	.39		324.38	114.87	Pembura	PEN	...	cc	320.46	+0.38	...		149.30	119.72	RepublicSvcs	RSG	1.3	31	148.19	+2.33	4.95		138.03	86.02	SimonProperty	SPG	7.0	16	106.36	-3.20	1.85		
82.68	100.13	Nucor	NUE	1.5	5	139.08	-0.24	.51		21.03	4.00	Perfect	PERF	...	dd	4.60	+0.15	...		24.77	14.95	ResideoTech	REZI	...	9	16.08	-0.06	...		128.08	75.25	SimponMfg	SPD	9	16	123.22	-2.24	.27		
15.85	7.60	NuScalePower	SMR	...	dd	8.30	+0.24	...		62.22	36.23	PerformanceFod	PFCG	...	29	60.27	-1.74	...		9.98	4.07	SiriusPoint	SPNT	...	dd	9.06	-0.05	...		165.32	97.36	SitenaOneLandscape	SITL	...	33	148.63	-4.35	...		
17.75	12.80	NuSTAREnergy	NST	10.2	13	15.67	+0.49	.40		13.46	6.56	PerimeterSols	PRM	...	44	6.99	-0.32	...		33.65	19.31	SitioRoyalties	SITR	9.7	14	24.77	-0.41	.50		25.00	21.4	TPG RE Fin	TRTX	17.8	dd	5.40	-0.21	.24		
10.45	58.75	Nutrien	NTR	3.5	5	59.89	-0.15	.32		27.77	12.89	PermanianBios	PBT	4.9	20	23.99	-0.63	0.628		36.31	26.05	RexAmerRscs	REXR	...	18	28.88	+0.05	...		98.99	59.43	TaiwanSemi	TSM	1.7	13	83.43	-1.54	.482		
4.31	1.52	NuvationBio	NVT	...	dd	1.62	-0.05	...		12.05	5.08	PermanianRscs	PR	2.1	5	9.49	-0.70	.02		66.68	47.84	RexfordIndlRealty	REX	2.7	59	55.56	-1.13	.38		54.36	31.28	ShechersUSA	SIX	...	20	53.22	+1.38	...		
46.66	23.19	NiventElectric	NVT	1.7	16	21.25	-0.49	.175		5.79	2.02	PermanianVllERT	PVL	17.3	6	2.62	-0.04	...		10.40	9.72	RiceAcqnlIA	RONI	...	cc	10.33	+0.03	...		8.71	4.10	SkeenaRscs	SKE	...	dd	6.51	-0.71	...		
										10.65	5.42	PernmRoc	PRT	18.5	5	5.42	-0.19	0.0309		11.05	9.89	RigelResourceAcq	RRAC	...	24	10.60	+0.08	...		6.65	1.03	Skillsoft	SKIL	...	dd	1.27	+0.08	...		
										43.90	30.78	Perrigo	PRGO	3.1	dd	35.21	-0.53	.273		69.59	25.32	RingCentral	RNG	...	dd	27.40	-0.36	...		2.18	4.05	Skizil	SKZL	...	dd	5.2	-0.10	...		
										16.32	8.88	PetroleoBrasil	PBR	53.3	2	11.86	+1.04	1.076		80.52	50.92	RioTinto	RIO	8.0	8	61.74	-1.93	2.25		76.82	43.04	SkylineChamp	SKY	...	9	69.02	-5.14	...		
										15.04	7.86	PetroleoBrasilIA	PBR	53.3	2	11.86	+1.04	1.076		6.73	3.43	Riskified	RSKD	...	dd	4.60	-0.06	...		6.59	2.03	SmartRent	SMRT	...	dd	3.31	+0.63	...		
										54.93	37.21	Pfizer	PFE	4.4	7	37.35	-1.14	.41		12.73	48.72	RitchieBros	RBD	2.0	54	53.29	-3.62	.27		48.99	25.09	SmartSheet	SMAR	...	dd	41.34	+2.21	...		
										109.81	82.85	PhillipMorris	PM	5.3	17	95.12	-0.44	1.27		71.61	1.78	RiteAid	RAD	...	dd	1.86	-0.10	...		71.87	46.58	Smith&A	SNS	1.8	43	31.24	-3.14	.30		
										113.53	74.02	Phillips66	PSX	4.5	4	93.22	-0.22	1.05		11.52	6.86	RithmCapital	RTM	12.6	14	7.93	+0.05	.25		33.09	21.78	Smith&Nephew	SNN	2.3	61	61.63	-0.41	1.462		
										5.88	2.11	PhoenixNewMedia	FENG	...	dd	2.51	-0.20	...		95.80	65.40	RobertHalf	RHB	2.9	12	67.08	-1.92	.48		163.07	119.82	Smucker	SJM	2.6	24	158.15	-0.05	1.02		
										40.00	15.13	Phresia	PHR	...	dd	29.33	-0.55	...		53.88	23.88	Roblox	RLBL	...	dd	39.36	+4.31	...		24.80	7.33	Snap	SNAP	...	dd	8.55	+0.32	...		
										18.83	13.42	PhysiciansRealty	DOC	6.4	33	14.38	-0.14	.23		11.38	5.97	RocketCos.	RKT	...	dd	8.12	-0.33	...		265.02	190.08	Snap-On	SNA	2.5	15	256.04	-0.77	1.62		
										15.57	5.92	PhysiciansRealty	PDM	13.2	9	6.36	-0.27	.21		309.36	190.08	Rockwell	ROK	1.7	24	271.86	-115.6	1.18		205.66	110.27	Snowflake	SNOW	...	dd	1				

DATA

NYSE

-52-Week-		Tick		Div	
High	Low	Sym	Yld P/E Last	Chg.	Am.
49.29	12.77	Trinseo	TSE 4.3	dd	13.04 -4.44 .14
17.33	10.36	TripleFlagPrecHtl	TFPM 1.3	45	15.04 -2.18 .40
15.24	9.41	TriplePtVent	TPVG15.5	dd	10.31 -40.47
10.84	9.76	TristarAcqnl	TRIS ..	28	10.38 +0.01 ..
83.82	48.64	TritionIntl	TRTN 3.4	8	82.83 -0.38 .70
22.16	7.84	TriumphGroup	TGI ..	7	10.20 +0.08 ..
19.91	10.97	Trox	TROX 4.5	4	11.19 -15.55 .125
23.91	14.20	TrueBlue	TBI ..	11	15.40 +0.22 ..
52.22	25.56	TrustFinl	TFC 7.6	6	27.30 -1.39 .52
14.86	8.40	TsakosEnergy	TNP 1.8	3	17.03 -0.43 .15
22.78	0.66	Tupperware	TUP ..	dd	71 -0.38 ..
5.44	2.33	TurkcellIetism	TKC 2.9	6	4.26 +0.10 0.0826
30.84	18.81	TurningPoint	TPB 1.3	55	20.71 -1.54 0.065
10.83	4.90	TutorPerini	TPC ..	dd	5.47 -0.45 ..
3.42	0.77	Tuya	TUYA ..	dd	1.80 -0.28 ..
112.89	41.00	Twilio	TWLO ..	dd	45.83 -6.54 ..
11.08	9.76	TwinnRidgeCapA	TRCA ..	44	10.36 +0.06 ..
11.00	9.74	twoA	TWOA ..	dd	10.13 -0.04 ..
21.84	11.59	TwoHarbors	TWO215.0	dd	11.88 +0.03 .60
425.81	281.11	TylerTech	TYL ..	cc	390.68 +0.94 ..
92.34	47.11	TysonFoods	TSN 3.9	11	48.87 -11.82 .48

U

22.30	13.80	UBS Group	UBS 2.9	10	19.16 -0.56 .55
55.65	37.18	UDR	UDR 4.1	cc	41.38 +0.05 .42
44.54	28.49	UGI	UGI 5.1	dd	28.72 -1.78 37.5
70.57	44.79	U-Haul	UHAL ..	0	61.50 -0.34 .05
68.29	47.22	U-Haul N	UHALB 3	..	54.25 -0.60 .04
21.46	13.73	UMH Prop	UMH 5.2	dd	15.86 +0.29 20.05
61.90	44.67	Unitil	UTL 2.8	21	57.62 +0.90 40.05
21.15	14.90	USA Compression	USAC10.9	dd	19.24 -0.78 5.25
76.58	48.61	UsanaHealth	USNA ..	19	65.26 -1.88 ..
32.41	14.67	US Cellular	USM ..	dd	15.16 -0.28 ..
41.28	25.49	US Foods	USFD ..	31	40.81 -2.22 ..
131.50	73.30	US Phys Therapy	USPH 1.6	51	110.82 -3.28 .43
19.36	9.47	US Silica	SLCA ..	7	12.13 -0.35 ..
6.10	1.34	US Xpress	USX ..	dd	6.05 +0.01 ..
6.35	2.84	UWM	UWM 8.1	58	4.92 -0.91 .10
39.23	19.90	Uber	UBER ..	dd	38.45 +0.70 ..
350.63	172.81	Ubiquiti	UI 1.4	27	175.43 -26.14 .60
22.30	10.40	UIPath	PATH ..	dd	14.25 +0.18 ..
3.50	2.13	UltraparPart	UGP 3.2	12	3.41 +0.10 2.0613
11.05	6.38	Under Armour A	UAA ..	9	7.59 -1.05 ..
13.42	5.74	Under Armour C	UA ..	8	6.99 -0.84 ..
16.32	6.33	Unifi	UFI ..	dd	7.72 -0.63 ..
205.59	154.72	Unifirst	UNF 8	30	163.27 -0.37 .31
55.99	42.44	Unilever	UL 3.3	18	54.21 -1.35 4702
242.36	183.69	Union Pacific	UNP 2.6	18	198.99 -2.24 1.30
14.62	3.05	Unisys	UIS ..	dd	4.24 +0.18 ..
9.10	5.36	UnitedMicro	UMC ..	7	7.82 -0.38 ..
49.56	22.07	UnitedNatFoods	UNFI ..	9	26.80 -0.24 ..
209.39	154.87	UPS B	UPS 3.8	14	168.50 -7.24 .62
481.99	230.54	United Rentals	URI 1.8	11	331.66 -10.91 4.48
53.37	27.27	US Bancorp	USB 6.6	8	29.13 -1.61 .48
31.55	16.41	US Steel	U 9	3	21.13 -0.55 .05
558.10	449.70	UnityHealth	UNH 1.3	22	491.23 -3.05 1.65
35.63	21.22	UnitySoftware	U ..	dd	29.65 +0.31 ..
35.63	21.49	Univar	UNVR ..	13	35.46 -0.06 ..
34.13	43.64	Universal	UVV 6.1	14	52.23 -1.77 .79
57.52	40.92	UniversalHealth	UHL 6.4	31	45.03 -0.59 .715
154.65	82.50	UniversalHealthB	UHS 6	15	139.53 -3.27 .20
20.15	8.39	UnivInsurance	UIVE 4.1	dd	15.57 -0.01 .16
9.63	5.27	UnivTechInst	UTI ..	7	5.84 -0.33 ..
46.64	31.12	UnumGroup	UNI 3.0	6	43.97 -0.21 .33
9.50	1.27	UpHealth	UPH ..	dd	1.80 -0.04 ..
19.71	12.91	UrbanEdgeProp	UE 4.5	95	14.21 -0.40 .16
22.86	14.76	UrstadtBiddle	UBP 6.0	22	15.11 -0.41 2.25
19.30	15.07	UrstadtProp A	UBA 5.9	24	16.88 -0.14 .25
19.98	12.18	UtzBrands	UTZ 1.3	cc	16.96 -1.15 0.57

V

51.40	20.03	VF	VFC 5.6	20	21.29 -0.83 .30
4.00	1.25	ViaOptronics	VIAO ..	dd	2.51 -0.25 ..
35.69	27.49	VICI Prop	VICI 4.9	22	31.90 -0.91 .39
13.84	6.47	Vizio	VZIO ..	cc	7.58 -0.78 ..
13.70	5.75	VOC Energy	VOC 14.9	6	8.07 -0.20 .23
5.48	2.66	VTEX	VTEX ..	..	3.85 +0.06 ..
51.00	29.55	V2X	VVX ..	dd	42.26 -0.89 ..
8.77	3.51	VaalcoEnergy	EGY 4.3	7	3.69 -0.58 0.625
269.50	201.91	Vail Resorts	MTN 3.5	29	236.93 -1.342 0.6
80.00	37.17	Valaris	VAL ..	17	59.47 +2.43 ..
19.31	11.72	Vale	VALE 7.5	4	13.78 -0.12 3.47
5.99	2.35	ValensSemicon	VLN ..	dd	2.41 +0.03 ..
150.39	96.93	ValeroEnergy	VLO 3.7	3	110.52 +3.48 .02
54.06	13.18	Valhi	VLI 2.4	10	13.50 -1.77 .08
353.36	213.27	ValmontInds	VMI 8	38	236.34 -3.70 .60
39.67	24.40	Valvoline	VVV 1.3	4	38.55 +4.35 .125
3.84	0.41	Vapotherm	VAPO ..	dd	64 .004 ..
14.39	8.64	VectorGroup	VGR 7.2	11	11.18 -1.26 .20
232.26	151.02	VeevaSystems	VEEV ..	58	174.22 -4.88 ..
5.96	1.28	Velo3D	VLD ..	13	1.88 -0.18 ..
13.60	7.81	VelocityFinl	VEL ..	8	8.89 -0.10 ..
2.78	0.26	VenatorMaterials	VNTR ..	dd	27 -0.05 ..
58.24	35.33	Ventas	VTR 3.9	dd	46.49 -1.36 .45
17.69	10.22	VerisResidential	VRE ..	dd	16.22 -0.12 ..
161.84	94.50	Veritiv	VRTV 2.3	5	109.71 -0.26 .62
52.18	34.55	Verizon	VZ 6.9	7	37.29 -0.24 6.25
10.17	11.35	VermilionEnergy	VET 2.3	2	11.76 -0.78 0.24
31.58	1.41	VerticalAerospace	EVTL ..	dd	1.61 -0.22 ..
17.88	7.76	Vertiv	VRT 1	50	15.10 -0.12 .01
44.25	17.10	Viad	VVI ..	39	21.87 -0.72 ..
4.76	1.36	VicariousSurgical	RBOT ..	dd	2.00 -0.16 ..
51.00	25.10	Victoria'sSecret	VSCO ..	6	25.50 -2.33 ..
8.50	5.65	VineHolding	VNCE ..	dd	6.00 -0.09 ..
16.18	6.36	Vipshop	VIPS ..	11	15.56 +0.67 ..
8.56	2.98	VirginGalactic	SPCE ..	dd	4.01 +0.40 ..

-52-Week-		Tick		Div	
High	Low	Sym	Yld P/E Last	Chg.	Am.
2.68	0.35	VinetX	VHC ..	dd	.43 +0.081.00
235.57	174.60	Visa	V ..	8	32 231.38 -0.40 .50
24.86	16.73	Vishay	VSH 1.7	8	24.10 -0.56 .10
45.69	27.03	VishayPrecision	VPG ..	12	33.14 -5.35 ..
22.84	5.91	VistaEnergy	VIST ..	5	21.28 -0.37 ..
41.06	22.97	VistaOutdoor	VSTO ..	dd	27.66 -1.23 ..
27.39	20.76	Vistra	VST 3.3	dd	24.52 -1.10 20.4
120.86	39.74	VitalEnergy	VTLE ..	1	42.33 -2.12 ..
20.99	13.90	VitesseEnergy	VTS 11.0	..	26.30 -0.51 .50
132.15	91.53	VMware	VMW ..	40	123.44 -0.68 ..
28.45	16.55	Vontier	VNT 4	19	27.86 +0.07 0.025
35.80	12.50	VornadoRealty	VNO 11.7	dd	12.79 -1.42 .375
78.11	56.20	VoyaFinancial	VOYA 1.4	14	68.60 -1.84 .20
199.10	137.54	VulcanMatis	VMC 9	43	195.38 +1.81 .43

W

9.16	3.57	W&T Offshore	WTI ..	2	4.09 -0.18 ..
108.39	80.82	WEC Energy	WEC 3.3	22	93.89 -2.12 .78
204.06	125.00	WEX	WEX ..	52	173.66 -1.95 ..
94.96	67.77	WNS	WNS ..	26	71.13 -6.58 ..
89.63	67.77	W.P. Carey	WPC 6.0	20	71.58 -1.66 1.067
64.07	39.67	WPP	WPP 4.1	15	55.89 -0.781 467
30.10	12.81	WabashNational	WNB 1.3	8	24.11 +0.19 .08
107.86	78.26	Wabtec	WAB 7	27	97.99 -1.18 .17
115.19	61.06	WalkerDunlop	WD 3.8	13	66.59 +0.16 .63
11.38	2.44	Wallbox	WBX ..	..	3.47 +0.40 ..
154.64	117.27	Walmart	WMT 1.5	36	153.07 +1.30 .57
18.99	9.50	WarbyParker	WRBY ..	dd	11.31 -0.30 ..
42.95	26.11	WarriorMetCoal	HCC 8	3	37.17 -1.58 .07
148.20	113.50	WasteConnections	WCN 7	43	143.89 +0.81 2.55
175.98	138.89	WasteMgt	WM 1.7	31	169.24 +0.81 .20
3.36	0.97	Waterdrop	WDT ..	13	2.83 -0.05 ..
369.00	262.74	Waters	WAT 24	27	271.00 -25.79 ..
356.60	220.68	Watco	WSO 2.9	22	337.15 -0.442 .45
181.40	116.31	WattsWater	WTS 9	21	165.67 -0.70 .36
10.70	9.62	WaverleyCap1A	WAVC ..	65	10.28 -0.02 ..
76.35	28.11	Wayfair	W ..	dd	34.76 -5.43 ..
6.93	2.91	WeaveComms	WEAV ..	dd	6.41 +1.13 ..
56.46	31.03	WebsterFin	WBS 4.0	7	32.56 -1.38 .40
95.57	67.08	WeisMarkets	WMK 2.0	16	69.69 -0.91 .34
48.84	35.25	Wells Fargo	WFC 3.2	11	37.49 -0.45 .30
90.69	56.50	Welltower	WELL 3.1	cc	79.30 -0.54 .61
175.00	99.00	Westcolntl	WCC 1.6	8	128.19 -1.78 37.5
102.96	67.45	WestFraserTimber	WFG 1.2	9	74.29 -0.75 .30
376.72	206.19	WestPharmSvcs	WST 2	49	360.02 -8.44 .19
86.87	7.46	WestAllianceBcp	WAL 5.2	3	27.47 +0.31 .36
15.84	7.00	WestAstMtGCap	WMN16.7	dd	8.40 -0.19 .35
29.95	21.95	WesternMidstrm	WES 13.5	9	25.40 -0.17 .50
18.23	10.07	WesternUnion	WU 8.0	6	11.77 -0.38 2.35
137.14	81.29	Westlake	WLK 1.2	8	114.47 -6.82 357
49.74	26.84	WestRock	WRK 4.0	dd	27.61 -0.84 2.75
16.80	9.45	Westwood	WHG 4.9	dd	12.25 -0.24 .15
8.08	0.37	WeWork	WE ..	dd	38 -0.07 ..
40.35	27.37	Weyerhaeuser	WY 2.5	18	29.83 +0.16 .49
52.76	28.62	WheatonPrecMet	WPM 1.2	37	50.35 -1.74 .15
2.88	0.25	WheelsUp	UP ..	dd	28 -0.20 ..
187.36	124.10	Whirlpool	WHR 5.4	dd	130.59 -6.43 1.75
1560.21	1135.73	WhiteMtnlns	WTR 5.1	57	1426.47 -1194.00
12.71	8.15	WhitestoneREIT	WSR 5.7	13	8.49 -0.17 .04
22.60	7.50	WideOpenWest	WOW ..	dd	7.92 -0.64 ..
54.38	34.48	Wiley A	WILY 4.0	dd	35.02 -0.90 347.5
37.97	27.80	Williams	WMB 6.1	14	29.28 -0.90 447.5
176.89	101.58	Williams-Sonoma	WSM 3.2	7	113.93 -4.40 .90
70.53	43.05	Winnebago	WGO 1.9	6	55.91 -3.32 .27
6.31	4.32	Wipro	WIT 1.5	18	4.64 +0.01 1.225
7.26	4.60	WisdomTree	WTD 1.7	17	7.00 +0.45 .005
125.48	39.02	Wolfspine	WOLF ..	dd	40.09 -0.88 ..
24.08	9.60	WolverineWwide	WWM 2.5	dd	15.70 -0.71 .10
26.93	19.11	WoodsideEnergy	WDS 11.1	5	22.44 -0.351 .44
37.81	22.18	WoorFin	WFI 8.2	3	26.40 -0.42 1.702
104.76	59.43	Workiva	WKT ..	dd	88.90 -0.25 ..
30.65	19.29	WorldFuelSvcs	INT 2.4	13	23.15 -0.03 .14
110.24	57.59	WW Ent	WWE 5	54	105.17 -1.69 .31
65.17	38.01	WorthingtonInds	WOR 2.2	13	55.98 -2.26 .31
82.04	58.82	WyndhamHtIs	WH 2.2	18	64.95 -3.36 .25

XYZ

4.50	1.62	XFinancial	XYF	..	2	3.38 +0.04 ..
49.20	24.75	XPO	XPO	..	28	46.84 -1.06 ..
19.82	11.74	XeniaHotels	XHR	3.2	21	12.69 -0.18 .10
11.90	2.95	XinyuanRealEst	XIN	..	dd	3.86 -1.25 ..
35.35	6.18	XpEng	XPEV	..	dd	9.82 -0.58 ..
26.05	1.85	Xperi	XPER	..	..	9.35 +0.06 ..
33.58	11.20	XponentialFit	XPOF	..	dd	28.78 -0.88 ..
118.58	72.08	Xylem	XYL	1.3	51	104.75 -4.22 .33
55.15	27.86	Yeti	YETI	..	48	40.84 -2.65 ..
13.11	2.82	YPF	YPF	..	2	11.36 -0.03 ..
5.57	3.00	Yalla	YALA	..	8	3.74 +0.14 ..
2.20	0.39	YatsenHolding	YSG	..	dd	.85 -0.13 ..
39.27	25.30	Yelp	YELP	..	59	29.44 +1.56 ..
9.88	4.00	Yext	YEXT	..	dd	7.82 -0.17 ..
3.85	0.67	YirenDigital	YRD	..	..	2.25 -0.33 ..
10.00	3.03	Youdao	DAO	..	dd	5.01 -1.52 ..
143.25	103.97	YumBrands	YUM	1.7	32	138.51 +1.02 .60
64.70	37.92	YumChina	YUM	9	41	67.73 -1.85 .13
71.40	16.20	ZimIntShipping	ZIM	99.1	0	10.10 -0.37 .40
29.79	16.27	ZTO Express	ZTO	0	23	28.36 +0.59 .37
2.37	1.05	ZepHHealth	ZEPP	..	dd	1.33 -0.08 ..
11.28	4.09	ZetaGlobal	ZETA	..	dd	8.13 -0.21 ..
5.49	1.89	ZiviaPBC	ZVIA	..	dd	3.39 -0.03 ..
2.13	0.98	Zhihu	ZH	..	dd	.97 -0.07 ..
149.25	100.39	ZimmerBiomet	ZBH	7	64	136.75 -1.16 .24
24.05	13.68	ZipRecruiter	ZIP	..	3	14.95 -0.22 ..
187.82	124.15	Zos	ZTS	8	41	183.62 -2.61 .27
10.79	5.45	Zuora	ZUO	..	dd	7.77 -0.22 ..
32.86	19.29	ZurnElkayWater	ZWS	1.3	58	29.97 +0.51 .07

BARRONS.COM/DATA

52-Week											52-Week											52-Week											52-Week																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
High	Low	Name	Tick	Sym	Vld	P/E	Last	Chg.	Amt.	Div	High	Low	Name	Tick	Sym	Vld	P/E	Last	Chg.	Amt.	Div	High	Low	Name	Tick	Sym	Vld	P/E	Last	Chg.	Amt.	Div	High	Low	Name	Tick	Sym	Vld	P/E	Last	Chg.	Amt.	Div																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
27.79	7.14	Funko	FNKO		dd		11.11	-0.17			57.00	31.02	HancockWhitney	HWC	3.7	5	32.50	-2.54	.30			27.35	13.35	HannFinFinancial	HANF	7.3	4	13.77	-0.73	.25			76.00	28.81	IndepBankMl	IBCP	5.9	6	15.56	-0.76	.23			7.53	4.00	KeyTronic	KTC		13	5.90	-0.04			4.71	0.45	LumiraDx	LMDX		dd		55	-0.01			9.56	2.95	LumosPharma	LUMO		dd		3.39	-0.17			13.82	7.92	LetherBurbank	LBC	5.8	6	8.25	-0.30	.12			8.74	1.77	LyellImmuno	LYEL		dd		8.52	+0.04			21.52	8.06	Lyft	LYFT		dd		2.19	-0.44			6.99	1.86	LyraTherap	LYRA		dd		2.67	+0.05																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

DATA

NASDAQ ISSUES

BARRONS.COM/DATA

52-Week	Low	High	Name	Tick	Yld	P/E	Last	Chg.	Div	52-Week	Low	High	Name	Tick	Yld	P/E	Last	Chg.	Div	52-Week	Low	High	Name	Tick	Yld	P/E	Last	Chg.	Div	52-Week	Low	High	Name	Tick	Yld	P/E	Last	Chg.	Div
55.70	37.49	Monro	MMRO	2.3	35	49.14	+0.31	.28		87.55	44.76	ON Semi	ON	...	20	81.34	+0.12	...		196.22	154.86	PepsiCo	PEP	2.6	41	196.12	+1.851	.265			0.28	0.03	RF Acq Rnt	RFACR	...	...	.12	+0.02	...
60.47	41.95	MonsterBev	MONST	...	49	59.54	-0.17	...		13.00	7.65	OP Bancorp	OPBK	6.3	4	7.66	-0.76	.12	...	12.25	10.00	Perception Capital	PCPT	...	dd	11.41	+0.58	...		7.42	3.78	RF Industries	RFIL	...	72	3.94	+0.04	...	
12.62	4.40	MonterosaTherap	GLUE	...	dd	5.68	+0.50	...		3.24	1.00	OPKO Health	OPKH	...	dd	1.72	-0.11	...	...	24.55	18.01	RG Resources	RGLC	4.2	dd	18.71	-0.14	.1975		24.55	18.01	RG Resources	RGLC	4.2	dd	18.71	-0.14	.1975	
10.41	9.80	MontereyCapA	MCAC	...	dd	10.39	-0.08	...		11.02	9.81	OPY AcqntA	OHAH	...	cc	10.22	-0.06	...	...	12.00	5.47	PerellaWeinberg	PWP	3.5	dd	8.00	-0.10	.02		11.24	9.91	ROC Energy	ROC	...	cc	10.52	...	...	
0.30	0.06	MontereyCapRt	MCACR	...	dd	...	...	...		964.58	562.90	OReillyAuto	ORLY	...	dd	28.96	+0.12	...	...	110.28	59.79	Pericell	PRFT	...	dd	26.74	-0.18	...		0.40	0.03	ROC Energy Rt	ROCAR	...	dd	...	...	...	
263.81	163.28	Morningstar	MORN	...	cc	18.94	+3.73	.375		121.04	69.31	OSI Systems	OSIS	...	dd	21.19	+1.23	...	...	3.97	1.72	PerionNetwork	PFMT	...	dd	2.35	-0.52	...		27.07	6.71	RTICM	RCM	...	dd	16.23	-0.03	...	
59.54	19.23	Morphing	MORF	...	dd	57.34	+2.29	...		21.74	17.59	OaktreeSpec	OCSL	11.7	cc	18.35	+0.31	.55	...	42.75	16.41	PerionFinetw	PERI	...	dd	15.33	+0.55	...		2.99	0.72	RVL Pharm	RVLPH	...	dd	...	...	...	
6.15	3.17	MorphoSys	MOR	...	dd	5.70	+0.07	...		4.60	1.28	Oatly	OTLY	...	dd	2.10	...	...	...	15.70	7.50	Perna-Pipelnt	PIPH	...	dd	10.50	-0.45	...		9.79	1.05	RackpaceTech	RXT	...	dd	1.13	-0.22	...	
19.93	4.26	MotorcarParts	MPAA	...	dd	5.52	+0.83	...		24.93	12.81	OceanFirstFin	OCFC	6.2	5	12.99	-0.94	.20	...	16.52	7.97	RadiusGblnfr	RADI	...	dd	2.08	-0.16	...		16.52	7.97	RadiusGblnfr	RADI	...	dd	14.73	+0.02	...	
11.33	10.09	MountainA	MCAA	...	cc	10.83	+0.01	...		6.87	2.57	OcularTherapeutx	OCUL	...	dd	6.21	-0.04	...	...	29.47	12.03	RadNet	RDNT	...	dd	10.73	+0.61	...		29.47	12.03	RadNet	RDNT	...	dd	26.98	-1.70	...	
0.13	0.03	MountainCrestVRT	MCAGR	...	cc	...	...	...		14.10	6.26	Oculus	OCS	...	cc	10.80	-1.99	...	...	25.77	17.42	Radware	RDWR	...	dd	12.77	+0.92	...		25.77	17.42	Radware	RDWR	...	dd	19.77	+0.70	...	
11.40	9.69	MountainCrestV	MCAG	...	cc	10.55	+0.15	...		21.80	5.86	OfficeProplncm	OP1	16.1	45	6.21	-0.31	.25	...	14.48	2.15	RainOncology	RAIN	...	dd	9.00	-0.20	...		14.48	2.15	RainOncology	RAIN	...	dd	9.00	-0.20	...	
10.76	1.25	Movella	MVLA	...	5	1.46	+0.04	...		32.49	21.96	OhioValleyBanc	OVBC	3.6	9	24.34	-0.31	.22	...	15.89	4.15	Rallybio	RLBY	...	dd	5.21	-0.42	...		15.89	4.15	Rallybio	RLBY	...	dd	5.21	-0.42	...	
10.75	0.88	MultiMetaVerse	MMV	...	dd	1.30	+0.12	...		111.35	44.12	Okta	OKTA	...	dd	76.47	+2.69	...	...	18.24	7.40	RamacoRscs	RMTC	5.2	4	9.61	-0.32	.125		18.24	7.40	RamacoRscs	RMTC	5.2	4	9.61	-0.32	.125	
10.65	9.97	MurphyCanyonA	MURF	...	dd	10.49	+0.01	...		18.23	3.27	Olaplex	OLPX	...	12	3.50	-0.37	...	...	51.88	20.00	Rambus	RMBS	...	cc	49.60	+1.27	...		51.88	20.00	Rambus	RMBS	...	cc	49.60	+1.27	...	
10.43	3.37	Myaric	MYNA	...	dd	6.77	-0.38	...		381.81	231.31	OldDomFreight	ODFL	5	25	308.07	-8.90	.40	...	53.59	27.26	RangerOil	ROCC	8	3	37.68	-1.94	.075		53.59	27.26	RangerOil	ROCC	8	3	37.68	-1.94	.075	
28.18	13.92	MyriadGenetics	MYGN	...	dd	17.83	-1.46	...		20.19	11.66	OldNatlBncp	ONB	4.6	6	12.21	-0.48	.14	...	13.44	3.65	RaniTherap	RANI	...	dd	4.00	+0.30	...		13.44	3.65	RaniTherap	RANI	...	dd	4.00	+0.30	...	
										17.80	10.79	Old2ndBcp	OSBC	1.8	6	11.25	-0.58	.05	...	7.40	0.83	RapidMicro	RPD	...	dd	...	...	...		7.40	0.83	RapidMicro	RPD	...	dd	...	...	...	
										7.45	2.07	OlemaPharm	OLMA	...	dd	6.97	+0.31	...	...	54.88	26.49	Rapid7	RPD	...	dd	45.03	-1.87	...		54.88	26.49	Rapid7	RPD	...	dd	45.03	-1.87	...	
										26.47	8.39	OlinkHolding	OLK	...	dd	21.51	-0.61	...	...	7.93	3.55	RapidGoodFood	RGF	...	dd	4.00	+0.30	...		7.93	3.55	RapidGoodFood	RGF	...	dd	4.00	+0.30	...	
										72.27	40.40	Ollie'sBargain	OLLI	...	dd	66.96	-0.05	...	...	4.07	1.00	RealRea	REAL	...	dd	1.12	-0.03	...		4.07	1.00	RealRea	REAL	...	dd	1.12	-0.03	...	
										58.84	22.62	OlympicSteel	ZEUS	1.2	8	41.91	-4.25	.125	...	36.64	20.59	Pilgrim'sPride	PPC	...	dd	12.64	-0.11	...		36.64	20.59	Pilgrim'sPride	PPC	...	dd	12.64	-0.11	...	
										128.51	77.28	Oncology	OFLX	1.2	43	102.99	-10.71	.32	...	89.00	43.31	PinnacleFinPtrs	PFP	1.9	6	46.98	-2.59	.22		89.00	43.31	PinnacleFinPtrs	PFP	1.9	6	46.98	-2.59	.22	
										11.98	1.98	OmegaTherap	OMGA	...	dd	8.90	-0.08	...	...	2.45	0.25	PintecTech	PTT	...	dd	...	...	...		2.45	0.25	PintecTech	PTT	...	dd	...	...	...	
										7.75	1.74	Omeros	OMER	...	8	5.71	+0.59	...	...	2.51	1.34	Pixelworks	PXLW	...	dd	1.51	-0.08	...		2.51	1.34	Pixelworks	PXLW	...	dd	1.51	-0.08	...	
										10.50	1.91	OmniAb	OABI	...	dd	3.50	-0.11	...	...	13.50	9.10	PlainsAllAmPipe	PAA	8.5	8	12.64	-0.28	.2675		13.50	9.10	PlainsAllAmPipe	PAA	8.5	8	12.64	-0.28	.2675	
										125.17	46.11	Omniceil	OMCL	...	dd	70.95	+5.13	...	...	14.17	9.39	PlainsGP	PAG	8.1	11	13.26	-0.24	.2675		14.17	9.39	PlainsGP	PAG	8.1	11	13.26	-0.24	.2675	
										11.55	9.79	OmniLitAcqA	OLIT	...	cc	10.35	-0.10	...	...	9.77	5.35	PlayaHdus	PLYA	...	25	8.89	-0.19	...		9.77	5.35	PlayaHdus	PLYA	...	25	8.89	-0.19	...	
										13.29	5.82	1800-Flowers	FLWS	...	dd	9.21	+1.29	...	...	6.60	3.24	Playstudios	MPYS	...	cc	4.53	+0.11	...		6.60	3.24	Playstudios	MPYS	...	cc	4.53	+0.11	...	
										6.50	4.40	1800DegreeCap	TURN	...	dd	4.58	-0.04	...	...	15.61	7.81	Playtika	PLTK	...	14	10.28	-0.10	...		15.61	7.81	Playtika	PLTK	...	14	10.28	-0.10	...	
										4.00	1.37	111	YI	...	dd	2.72	-0.03	...	...	115.36	74.53	Plaxis	PLXS	...	14	86.39	+0.71	...		115.36	74.53	Plaxis	PLXS	...	14	86.39	+0.71	...	
										7.47	3.61	1stdibs.com	DIBS	...	dd	3.86	-0.04	...	...	36.64	4.43	PliantTherap	PLRX	...	dd	22.09	-0.85	...		36.64	4.43	PliantTherap	PLRX	...	dd	22.09	-0.85	...	
										43.96	23.68	OneWaterMarine	ONEW	...	4	27.90	+0.72	...	...	13.36	3.14	PolestarAuto	PSNY	...	dd	3.31	-0.64	...		13.36	3.14	PolestarAuto	PSNY	...	dd	3.31	-0.64	...	
										11.10	9.93	OnyxAcqntA	ONXX	...	cc	10.56	-0.14	...	...	6.90	0.36	PolyPD	PYPD	...	dd	...	...	...		6.90	0.36	PolyPD	PYPD	...	dd	...	...	...	
										13.97	5.35	OpenLending	LPRO	...	21	9.51	+2.20	...	...	10.04	6.51	PoncoFincl	PDLB	...	dd	6.59	-0.44	...		10.04	6.51	PoncoFincl	PDLB	...	dd	6.59	-0.44	...	
										42.35	24.91	OpenText	OTEX	2.4	36	40.18	-1.23	.243	...	10.79	10.16	PonoCapitalThree	PTWO	...	dd	10.31	-0.03	...		10.79	10.16	PonoCapitalThree	PTWO	...	dd	10.31	-0.03	...	
										8.08	0.92	OpendoorTech	OPEN	...	dd	1.95	+0.16	...	...	10.88	9.95	PonoCapTwoA	PTHW	...	dd	10.16	-0.07	...		10.88	9.95	PonoCapTwoA	PTHW	...	dd	10.16	-0.07	...	
										13.71	3.92	Opera	OPRA	...	0	13.20	+2.01	.75	...	2.23	0.97	PopCulture	CPOP	...	...	...	...	...		2.23	0.97	PopCulture	CPOP	...	...	...	...	...	
										12.79	2.19	OpportunFin	OPRT	...	dd	5.10	-1.08	...	...	83.64	49.34	Populr	BPOP	4.0	4	54.57	-2.16	.55		83.64	49.34	Populr	BPOP	4.0	4	54.57	-2.16	.55	
										8.50	3.25	Opthea	OPT	...	...	3.74	-0.08	...	...	28.93	14.84	Portillo's	PTLO	...	81	20.36	-0.30	...		28.93	14.84	Portillo's	PTLO	...	81	20.36	-0.30	...	
										4.85	3.26	OpticalCable	OCT	...	25	4.26	+0.12	...	...	24.49	18.00	PortmanRidge	PTMN	13.2	dd	20.58	+1.30	.68		24.49	18.00	PortmanRidge	PTMN	13.2	dd	20.58	+1.30	.68	
										3.87	24.23	OptionCare	OPCH	...	31	26.97	-1.01	...	...	8.82	1.82	PosadaTherap	POSTX	...	dd	2.91	-0.36	...		8.82	1.82	PosadaTherap	POSTX	...	dd	2.91	-0.36	...	
										7.82	2.62	OraSureTechs	OSUR	...	15	6.01	-0.99	...	...	11.14	4.31	Postbly	PBPB	...	23	8.62	-0.41	...		11.14	4.31	Postbly	PBPB	...	23	8.62	-0.41	...	

DATA

NASDAQ ISSUES

52-Week									52-Week										
High	Low	Name	Tick	Sym	Yld	P/E	Last	Chg.	Div.	High	Low	Name	Tick	Sym	Yld	P/E	Last	Chg.	Div.
4.18	2.35	SteelGas	GASS	...	3	2.75	+0.04	...	...	49.19	39.28	TowerSemi	TSEM	...	17	40.41	-2.93	...	...
136.46	62.44	SteelDynamics	STLD	1.7	5	97.20	-1.00	425	...	33.42	21.22	TowneBank	TOWN	4.3	9	21.62	-1.49	23	...
36.09	20.24	StellarBancorp	STEL	2.4	12	21.33	-1.36	13	...	251.17	166.49	TractorSupply	TSCO	1.7	25	239.92	-0.41	1.03	...
32.12	20.75	StepStone	STEP	3.7	dd	21.80	-0.30	20	...	76.75	39.00	TradeDesk	TTD	...	cc	62.30	-0.40	...	...
56.12	39.63	Stericycle	SRCL	...	dd	49.30	-1.07	...	...	79.98	51.47	Tradeweb	TW	5	49	72.80	+0.96	0.09	...
23.36	10.58	SterlingCheck	STER	...	88	11.92	-0.74	...	...	8.50	3.60	TransActTechs	TACT	...	47	7.02	-0.14	...	...
43.60	20.56	SterlingInfr	STRL	...	14	42.65	-0.09	...	...	91.71	50.32	Transcat	TRNS	...	64	84.71	-2.23	...	...
40.28	26.36	StevenMadden	SHOO	2.6	14	32.80	+0.03	21	...	2.30	0.28	TransCodeTherap	RNAZ	...	dd	3.40	-0.02	...	...
9.13	2.63	StitchFix	SFIX	...	dd	2.93	-0.17	...	...	90.15	24.01	TransMedics	TMDX	...	dd	75.68	+1.66	...	...
78.71	41.74	StockYardsBncp	SVBT	2.8	11	41.99	-3.43	29	...	88.55	31.19	TravelCenters	TA	...	9	86.00	-0.04	...	...
22.87	6.88	StokeTherap	STOK	...	dd	11.44	-0.51	...	...	9.59	4.10	Travelzoo	TZOO	...	16	9.00	+1.38	...	...
14.23	7.20	StoneCo	STNE	...	dd	13.81	-0.21	...	...	29.14	14.51	TravelerTherap	TVTX	...	dd	15.79	-1.01	...	...
106.35	69.16	StoneX	SNEK	...	8	86.20	-1.74	...	...	27.97	13.19	TreaceMed	TMCI	...	dd	25.16	-1.31	...	...
21.44	11.04	Stratusys	SSYS	...	dd	14.17	-0.09	...	...	12.85	5.06	TremorIntl	TRMR	...	18	5.39	-0.01	...	...
98.22	59.43	StrategicEd	STRA	3.0	51	80.32	-1.79	60	...	4.68	1.43	TreviTherap	TRVI	...	dd	2.83	-0.40	...	...
36.35	17.61	Strattec	STRT	...	dd	17.61	-1.47	...	...	58.62	28.66	TriCoBancshares	TCBK	3.9	7	30.96	-0.10	30	...
46.44	18.51	StratusProp	STRS	...	0	2	19.35	-3.30	4.67	31.89	21.41	TriMas	TRS	...	19	25.38	-0.03	0.04	...
3.79	0.40	StrongholdDig	SDIG	...	dd	79	-0.18	...	...	72.24	45.43	Trimble	TRMB	...	25	46.74	-1.31	...	...
30.00	20.80	StructureTherap	SGCR	...	...	26.40	+2.75	...	...	1.50	0.80	TrinityBiotech	TRIN	...	dd	96	-0.06	...	...
30.93	17.34	SummitFin	SMFF	4.5	4	17.60	-0.60	20	...	17.09	10.23	TrinityCapital	TRIN	15.8	dd	11.39	-0.43	47	...
17.82	10.33	SummitStateBk	SSBI	3.1	6	15.51	-0.28	12	...	40.17	18.66	Trip.com	TCOM	...	cc	33.05	-0.05	...	...
5.78	0.66	SummitTherap	SMMT	...	dd	1.72	-0.45	...	...	28.05	14.39	TripAdvisor	TRIP	...	dd	15.58	-0.14	...	...
12.60	6.43	Sunologic	SUMO	...	dd	12.04	...	...	...	10.35	8.02	TriumphDCFC	DCFC	...	...	95	-0.05	...	...
25.27	13.25	SunCountryAir	SNCY	...	21	18.02	+0.39	...	...	76.49	45.08	TriumphFinl	TFIN	...	14	48.39	-0.70	...	...
11.67	6.41	SunOpta	STKL	...	dd	7.65	-0.39	...	...	2.03	0.93	truarc	TRVG	...	dd	1.22	-0.02	...	...
28.42	10.45	SunPower	SPWR	...	94	10.70	-0.59	...	...	3.51	1.30	TrueCar	TRUE	...	dd	1.18	-0.41	...	...
39.13	16.08	SunRun	RUN	...	cc	16.45	-1.20	...	...	62.49	20.80	TruonBank	TRUP	...	dd	1.16	-1.76	...	...
143.53	37.01	SuperMicroComp	SMCI	...	13	134.50	-2.73	...	...	39.36	27.27	Trustco	TRST	5.2	7	27.62	-1.33	36	...
91.22	7.14	SuperiorGroup	SGC	6.7	dd	8.33	-0.79	14	...	38.47	20.28	Trustmark	TRMK	...	14	20.67	-1.89	23	...
42.09	25.80	SupernusPharms	SUPN	...	39	34.13	-2.58	...	...	6.03	0.75	TScanTherap	TCRX	...	dd	93	+1.53	...	...
2.15	0.56	SurfactOncol	SURF	...	dd	58	-0.02	...	...	2.90	0.46	TSC	TOUR	...	dd	1.43	-0.38	...	...
6.77	0.99	Surgalgin	SRGA	...	dd	1.01	-0.19	...	...	19.35	6.17	TurtleBeach	HEAR	...	dd	10.70	-2.28	...	...
46.47	20.46	SurgeryPartners	SGRY	...	dd	35.36	+0.15	...	...	10.85	0.77	Tusimple	TSP	...	dd	83	-0.30	...	...
40.21	16.00	Surmodics	SRDX	...	dd	19.22	-0.19	...	...	6.31	1.74	TwainMe	ME	...	dd	2.02	-0.09	...	...
8.72	3.33	SurtoBioph	STRO	...	dd	5.64	+0.16	...	...	14.46	7.91	23andMe	TWIN	...	17	12.34	+0.17	...	...
11.44	9.77	SwiftmergeAcqn	ICVP	...	cc	10.43	-0.40	...	...	58.76	11.46	TwistBioSci	TWST	...	dd	11.95	-0.94	...	...
11.08	9.77	SwiftmergeA	ICVP	...	cc	10.38	-0.01	...	...	18.88	8.25	Twseventybio	TSVT	...	dd	11.42	-0.01	...	...
184.75	1.04	Swvl	SWVL	...	...	1.20	...	...	...	13.15	3.37	2U	TWOU	...	dd	3.45	-0.05	...	...
32.17	8.75	Symbotic	SYVM	...	dd	24.44	-2.60	...	...	16.86	4.93	TyraBioSciences	TYRA	...	dd	12.40	-0.02	...	...
154.68	67.73	Synaptics	SYNA	...	dd	73.55	-2.72	...	...	U	...	...	...	...	...	...	...	...	...
1.87	0.51	Synchronoss	SNCR	...	dd	.89	...	...	...	99.40	64.13	UPF Intd	UPFI	1.2	8	81.50	-0.07	25	...
29.86	13.27	SyndaxPharm	SNDX	...	dd	21.07	+1.01	...	...	99.19	50.68	UMBI Fin	UMBI	2.8	6	54.73	-3.15	38	...
79.77	22.89	SyneosHealth	SYNH	...	29	41.66	+1.94	...	...	5.79	2.65	UPfintech	TIGR	...	dd	2.76	-0.11	...	...
1.45	0.45	Synlogic	SYBX	...	dd	56	-0.01	...	...	14.97	8.56	USCB Financial	USCB	...	...	9.06	-0.02	...	...
392.79	266.77	Synopsys	SNPS	...	61	368.84	-2.72	...	...	168.85	104.5	US Lime&Min	USLM	...	15	186.97	+2.01	20	...
2.50	1.71	SyprisSolutions	SYPR	...	dd	1.95	-0.03	...	...	11.42	9.88	UTA Acqn A	UTAA	...	cc	10.49	-0.03	...	...
11.50	2.42	SyrosPharm	SYRS	...	dd	3.46	+0.31	...	...	...	...	...	...	...	...	...	...	...	...

3.88	0.82	TCR2 Therap	TCRR	...	dd	1.96	+0.01	...	6.60	0.46	UCloudInc	UCL	dd	3.92	-0.21	...	
13.18	5.15	Teladito	TELA	...	dd	9.59	-0.15	...	17.26	8.17	Udemy	UDMY	dd	8.82	-0.16	...	
6.73	3.53	TFF Pharm	TFFR	...	dd	...	-0.01	...	596.60	330.80	UltraBeauty	ULTA	...	21	513.88	-6.17	...
15.70	11.05	TFS Finl	TFSF	...	dd	...	-0.01	...	39.10	23.32	UltraClean	UCTT	...	cc	27.65	-0.57	...
10.84	9.89	TG VentureCrtcl	TGVC	...	dd	10.50	+0.08	...	68.63	33.36	UltragenyxPharm	ULGI	...	dd	47.10	-0.12	...
11.42	9.88	TigraCriticalTech1	TGVT	...	dd	27	10.56	-0.08	5.77	3.67	Utiltrix	URLE	...	dd	4.22	-0.14	...
11.35	9.95	TIGV Acqn A	TMGV	...	dd	26	10.56	-0.01	30.78	20.07	UnionBankshares	UNBS	7.0	7	20.59	-0.29	36
1.61	0.51	TIMChemets	TLMC	...	dd	...	-0.01	...	28.26	12.83	uniQure	QURE	...	dd	21.88	+0.55	...
10.20	10.10	TIMT Acqn	TMTC	...	...	...	-0.01	...	55.04	31.58	UnitedAirlines	UAL	...	8	45.08	-0.27	...
10.20	0.19	TIMT Acqn Rnt	TMTR	...	...	...	-0.01	...	44.15	27.68	UnitedBkshrsVV	UBSI	5.2	10	27.93	-2.48	36
12.58	121.76	T-MobileUS	TMUS	...	dd	44.14	+0.56	...	39.50	20.37	UnityCityBks	UCBI	4.4	8	21.11	-1.30	23
44.43	23.09	TPG	TPG	...	dd	27.19	+0.67	50	37.26	23.69	UnitedFire	UFBI	2.6	dd	24.53	-2.90	16
25.05	8.46	TPComposites	TPIC	...	dd	10.02	-0.51	...	20.90	8.60	UnitedGuardian	UG	6.5	18	9.50	-0.21	31
134.64	93.53	T.RowePrice	TROW	4.6	105.31	-2.16	122	...	8.38	5.50	UnitedSecBcshrs	UBFO	7.5	5	5.83	...	11
17.11	11.13	Tech	TTM	...	dd	32.97	-0.29	52	283.09	19.54	UnitedTherap	UTHR	...	14	214.02	-0.10	...
17.49	11.13	TTM Tech	TTMI	...	dd	3.00	+0.75	...	11.71	2.81	Unita	UNIT	6.3	dd	3.68	-0.14	15
3.45	1.52	Taobala	TBLA	...	dd	2.00	+0.05	...	29.88	20.01	UnityBancorp	UNITY	2.3	6	21.22	-0.20	12
6.69	2.09	TaobalaRasaHlth	TRMD	...	dd	5.97	+0.62	...	18.50	1.46	UnityBiotech	UBX	...	dd	2.68	+0.34	...
22.47	6.28	TactileSystems	TCTC	...	dd	21.56	+2.93	...	155.91	89.41	UnityDisplay	OLED	1.0	33	136.73	-0.72	35
137.43	90.00	TakeTwoSoftware	TTWO	...	dd	125.26	+0.75	...	29.28	8.02	UnityElectro	UEIC	...	dd	8.34	-0.56	...
9.47	9.89	TalarisTherap	TALS	...	dd	2.75	-0.18	...	45.00	23.82	UniVlogistics	ULV	1.6	4	25.86	-0.12	105
1.94	0.52	Talpscape	TALP	...	dd	...	-0.01	...	10.05	6.52	UniVStainless	USAP	...	dd	9.45	-0.01	...
75.54	31.90	TandemDiabetes	TNDM	...	dd	32.96	-2.10	31	2.08	0.48	UniversePharm	UPC	...	dd	6.6	-0.01	...
8.56	3.10	TangoTherap	TNGX	...	dd	3.59	-0.16	...	29.06	16.11	UnivestFin	UNVF	5.1	6	16.38	-1.61	21
8.25	2.15	Tarenantl	TEDU	...	cc	2.90	-0.58	...	31.61	16.82	Upbound	UPBD	4.4	28	31.10	-0.23	34
10.60	9.85	TargtGblIA	TARG	...	cc	10.50	-0.02	...	16.33	2.89	UpdataSoftware	UPSD	...	dd	2.89	-0.79	...
19.66	11.33	TarsusPharm	TSAR	...	dd	16.49	+1.14	...	54.75	11.93	Upstart	UPST	...	dd	16.39	+3.15	...
26.73	10.86	TaskUs	TASK	...	dd	11.02	-0.81	...	25.05	6.56	Upwork	UPWK	...	dd	8.00	...	...
6.99	4.97	TatTechnologies	TATT	...	dd	5.54	-0.18	...	29.74	17.81	UrbanOutfitters	URBN	...	16	27.32	-0.72	...
5.09	0.61	TayshaGene	TSHA	...	dd	...	-0.03	...	19.11	4.85	UroGenPharma	URGN	...	dd	12.05	-0.20	...
11.15	9.94	Tech&TelecomA	TETE	...	dd	10.70	+0.04	...	2.90	1.22	USIO	USIO	...	dd	2.04	-0.13	...
74.61	28.25	TechTarget	TTGT	...	dd	30.31	-3.06	...	109.50	10.10	UtaMedProducts	UTMD	1.3	19	91.65	-2.03	295
3.84	5.13	Ericsson	ERIC	3.1	5.17	-0.25	00873	...	5.03	2.44	UtaStarcom	UTSI	...	dd	3.82	+0.02	...
18.21	6.00	Teleast	TSAT	...	dd	8.60	-0.29	...	10.70	8.80	Uxin	UXIN	...	0	1.67	+0.56	...
4.72	1.08	TelestarsBio	TBIO	...	dd	2.53	-0.33	...	10.93	9.90	VMGConsumerA	VMGA	...	cc	10.41	...	...
12.51	1.53	Telos	TLS	...	dd	2.23	-0.49	...	6.83	2.75	VNET	VNET	...	dd	3.03	+0.03	...
15.15	0.27	TempoAutomation	TMPO	...	dd	...	-0.05	...	14.75	5.85	VOXX Intl	VOXX	...	dd	12.03	-0.67	...
56.22	23.81	10xGenomics	TXG	...	dd	52.64	-1.63	...	59.15	31.85	VUSE	VSEC	...	19	46.55	-1.27	10
53.75	28.80	Tenable	TENB	...	dd	37.73	-1.67	...	5.70	0.69	Vacasa	VCSA	...	dd	7.5	-0.08	...
7.98	1.64	TenayaTherap	TNYR	...	dd	6.77	-0.03	...	7.45	2.02	Vacotech	VACC	...	18	21.9	-0.11	...
0.49	0.10	TenXKeaneAcqnRt	TENK	...	dd	...	+2.06	...	10.86	9.92	VahannaTechA	VHNA	...	cc	10.55	-0.01	...
112.06	64.81	Ternadene	TERN	5	24	90.93	-1.70	11	13.07	6.39	ValleyNatBncp	VLYN	6.7	6	6.59	-0.11	11
14.04	1.45	TernsPharm	TERN	...	dd	12.66	-0.20	...	33.76	9.07	Valvea	VALN	...	dd	12.63	-0.24	...
25.50	9.57	TerritorialBncp	TBSN	9.4	6	9.80	-1.50	23	11.05	9.97	ValuedAcq	VMCA	...	cc	10.61	-0.01	...
314.67	101.81	Tesla	TSLA	...	dd	49.1678	-2.08	...	11.90	5.75	ValenciaPharm	VNDA	...	22	6.28	-0.67	...
8.79	4.53	TesscoTech	TESS	...	dd	8.74	-0.03	...	23.78	17.11	VareximSystems	VREX	...	32	22.21	+0.20	...
169.67	81.25	TetraCell	TEEK	6	26	146.30	+2.65	26	33.88	15.61	VaronixInc	VRNS	...	dd	23.62	+0.59	...
69.27	42.79	TexasCapBcschs	TCBI	...	7	43.80	-0.45	...	5.65	3.05	VastaPlatform	VSTA	...	dd	3.85	+0.05	...
186.30	144.46	TexasInstrumts	TXNI	3.1	18	161.88	-3.94	124	54.84	17.44	Vaxcyte	PCVX	...	dd	49.48	-1.92	...
113.56	68.58	TexasRoadhouse	TXRH	2.1	25	105.54	-2.77	55	5.32	1.24	Vaxxinity	VAXX	...	dd	1.99	-0.31	...
37.58	16.59	TheBancorp	TBBK	...	dd	11	28.80	-1.98	12.31	4.25	VectBio	VECT	...	dd	11.87	+1.18	...
11.69	1.94	TherapeuticsMD	TMD	...	dd	4.39	+0.56	...	23.92	16.11	VeevaIns	VECO	...	8	20.77	+2.21	...
12.03	7.53	TheravanceBio	THPB	...	dd	11.30	-0.03	...	47.25	11.07	VenetoBiosciences	VTXX	...	dd	34.90	-4.65	...
14.77	4.01	Thesepharm	THRX	...	dd	10.58	-1.23	...	6.95	2.84	VeraBradley	VR	...	dd	5.36	-0.03	...
26.75	12.31	ThirdCoBcschs	TCBX	...	dd	15.70	+1.76	...	23.39	5.20	VeraTherap	VERA	...	dd	7.57	+0.13	...
24.60	3.75	ThirdHarmonic	THRD	...	dd	4.74	-0.05	...	32.40	14.92	Veracety	VCYT	...	dd	23.52	+0.24	...
2.39	0.70	36Kr	KRKR	...	dd	1	1.03	-0.03	19.77	11.57	Veradigm	MDRX	...	31	11.77	-0.51	...
6.81	3.41	ThorneHealthtech	THNS	...	25	4.88	+0.45	...	35.46	17.30	Verel	VCLE	...	dd	32.79	-0.25	...
18.25	5.93	ThoroughTherap	THNK	...	dd	7.68	-0.08	...	52.78	31.63	VerisPerSystems	VRNT	...	dd	33.43	-0.48	...
5.31	0.73	ThredUp	THUP	...	dd	2.80	-0.12	...	226.50	155.25	VerisSign	VRSN	...	34	222.73	+3.24	...
10.65	9.70	ThunderBridgeIV A	TBDC	...	82	10.21	+0.01	...	216.60	156.05	VerisSignAnalytics	VRSA	6	67	215.01	+1.13	34
5.17	2.17	TilrayBrands	TSLY	...	dd	2.41	-0.36	...	35.22	14.88	Veritex	VBTX	5.2	6	15.40	-0.83	20
35.62	22.11	TimberlandBncp	TSBK	4.0	7	22.87	-0.05	23	10.99	3.58	Veritone	VERT	...	dd	3.80	-0.30	...
47.87	21.50	TitanMachinery	TITN	...	7	33.23	+1.66	...	26.44	3.53	VerraPharma	VRNA	...	dd	21.18	-0.48	...
36.60	11.00	Trim	TRMD	16.7	3	27.73	-1.93	146	8.70	1.77	VerricaPharm	VRCA	...	dd	6.15	-0.40	...

U

99.40	64.13	UPFIInds	UFPI	1.2	8	81.50	+0.07	25
99.19	50.68	UMB Fin	UMBF	2.8	6	54.73	-3.15	38
5.79	2.65	UPFIntech	TIGR	...	dd	2.76	-0.11	...
14.97	8.56	USCB Financial	USCB	...	...	9.06	-0.02	...
168.85	102.12	US Lime&Min	USLM	5	18	167.99	+2.01	20
11.45	9.88	UTA Acqn A	UTAA	...	cc	10.49	+0.03	...
6.60	0.46	uCloudlink	UCL	...	dd	3.92	-0.21	...
17.26	8.17	Udemy	UDMY	...	dd	8.82	-1.06	...
556.60	330.80	UltraBeauty	ULTA	...	21	513.88	-6.17	...
39.10	23.32	UltraClean	UCTT	...	dd	27.65	-0.57	...
68.68	33.36	UltagenexPharm	ULRX	...	dd	47.10	-0.12	...
5.77	3.67	Ultralife	LARI	...	dd	4.22	+0.14	...
30.78	20.07	UnionBankshares	UNIB	7.0	7	20.59	-0.29	36
28.26	12.83	uniQure	QURE	...	dd	21.88	+0.55	...
55.04	31.58	UnitedAirlines	UAL	...	8	45.08	+0.27	...
44.15	27.68	UnitedBkshrsWV	UBSI	5.2	10	27.93	-2.48	36
39.50	20.37	UnitCmtyBks	UCBI	4.4	8	21.11	-1.30	23
37.26	23.69	UnitiedFire	UFCS	2.6	dd	24.53	-2.90	16
20.90	8.60	UnitedGuardian	UG	6.5	18	9.50	-0.21	31
8.38	5.50	UnitedSecBkshrs	UBFO	7.5	5	5.83	...	11
283.09	181.54	UnitedTherap	UTHR	...	14	214.02	-0.10	...
11.71	2.94	Uniti	UNIT	16.3	dd	3.68	-0.14	15
29.88	20.01	UnityBancorp	UNTY	2.3	6	21.22	-0.20	12
18.50	1.46	UnityBiotech	UBX	...	dd	2.68	+0.34	...
155.91	89.41	UnivDisplay	OLED	1.0	33	136.73	-0.72	35
29.28	8.02	UnivElectro	UEIC	...	dd	8.34	-0.56	...
45.00	23.82	UnivLogistics	ULH	1.6	4	25.86	-0.12	105
10.05	6.52	UnivStainless	USAP	...	dd	9.45	-0.01	...
2.08	0.48	UniversePharm	UPC	...	dd	66	-0.01	...
29.06	16.11	UnivestFin	UVSP	5.1	6	16.38	-1.61	21
31.91	16.82	Upbound	UPBD	4.4	28	31.10	-0.23	34
16.33	2.89	UplandSoftware	UPLD	...	dd	2.89	-0.79	...
54.75	11.93	Upstart	UPST	...	dd	16.39	+3.15	...
25.05	6.56	Upwork	UPWK	...	dd	8.00	...	...
29.74	17.81	UrbanOutfitters	URBN	...	16	27.32	-0.72	...
16.11	4.85	UroGenPharma	URGN	...	dd	12.05	+0.20	...
2.90	1.22	Usio	USIO	...	dd	2.04	-0.14	...
109.50	80.10	UtahMedProducts	UTMD	1.3	19	91.65	-2.03	225
5.03	2.44	UTStarcom	UTSI	...	dd	3.82	+0.02	...
10.70	0.80	Uxin	UXIN	...	0	1.67	+0.56	...

V

10.93	9.90	VMGConsumerA	VMGA	...	cc	10.41	...	...
6.83	2.75	VNET	VNET	...	dd	3.03	+0.03	...
14.75	5.85	VOXX Intl	VOXX	...	dd	12.03	-0.67	...
59.15	31.85	VSEC	VSEC	...	19	46.55	-1.27	10
5.70	0.69	Vacasa	VCSA	...	dd	7.5	-0.08	...
7.45	2.02	Vaccitech	VACC	...	18	2.19	-0.11	...
10.86	9.92	VahannaTechA	VHNA	...	cc	10.55	+0.01	...
13.07	6.39	ValleyNatlBncp	VLY	6.7	6	6.59	-1.01	11
33.76	9.07	Valneva	VALN	...	dd	12.63	-0.24	...
11.05	9.97	Valuencel A	VLCN	...	cc	10.61	+0.01	...
11.90	5.75	VandaPharm	VNDA	...	22	6.28	-0.67	...
23.78	17.11	VarexImaging	VREX	...	32	22.21	+0.20	...
35.38	15.61	VaronisSystems	VRNS	...	dd	23.62	+0.59	...
5.65	3.05	VastaPlatform	VSTA	...	dd	3.85	+0.05	...
54.84	17.44	Vaxcyte	PVXX	...	dd	49.48	-1.92	...
5.32	1.24	Vaxxinity	VAXX	...	dd	1.99	-0.31	...
12.31	4.25	VectivBio	VECT	...	dd	11.87	-1.18	...
23.92	16.11	VecolnStr	VECO	...	8	20.77	+2.21	...
47.25	11.07	VentixxBiosciences	VITYX	...	dd	34.90	-4.65	...
6.95	2.84	VeraBradley	VRA	...	dd	5.36	-0.03	...
23.39	5.20	VeraTherap	VERA	...	dd	7.57	+0.13	...
32.40	14.92	Vercyte	VCYT	...	dd	23.52	+0.24	...
19.77	11.57	Veradigm	MDRX	...	31	11.77	-0.51	...
35.46	17.30	Vericel	VERC	...	dd	32.79	-0.25	...
52.78	31.63	VerintSystems	VRNT	...	dd	33.43	-0.48	...
226.50	155.25	Verisign	VRSN	...	34	222.73	+3.24	...
216.60	156.05	VeriskAnalytics	VRSK	...	67	215.01	+4.13	34
35.22	14.88	Veritex	VBTX	5.2	6	15.44	-0.87	20
10.99	3.58	Veritone	VERI	...	dd	3.80	-0.03	...
26.44	3.53	VeronaPharma	VRNA	...	dd	21.18	-0.48	...
8.70	1.77	VerricaPharm	VRCA	...	dd	6.15	-0.40	...

52-Week	High	Low	Name	Tick	Sym	Yld	P/E	Last	Chg.	Div.
98	6.49	VersaBank	VBNK	1.1	9	6.60	+0.11	0.0182	...	...
19	9.44	Vertex	VERV	...	dd	17.73	-0.46	...	...	...
46	240.25	VertePharm	VRTX	...	28	347.14	-0.68	...	...	...
00	10.70	VerveTherap	VERV	...	dd	17.53	+1.29	...	...	...
55	9.40	ViaRenewables	VIAR	28.7	dd	12.65	+2.69	9063	...	...
55	3.15	ViantTech	DSP	...	dd	6.41	+0.37	...	...	...
77	25.38	ViaSat	VSAT	...	dd	35.75	-1.71	...	...	...
40	8.42	Viatrix	VTIS	5.2	6	9.28	...	.12	...	...
00	8.52	VivaiSolutions	VIIV	...	5	9.16	...	...	...	...
40	38.71	Vicor	VICR	...	62	44.10	-0.64	...	...	...
01	22.22	VictoryCapital	VCST	3.8	8	30.06	+0.11	.32	...	...
74	0.21	Vie	VIE	...	dd	22.04	...	...	...	...
96	0.57	ViewRay	VRAY	...	dd	58.04	-0.47	...	...	...
77	2.22	VigiliNeurosci	VIGL	...	dd	9.19	-0.81	...	...	...
50	2.02	VikingTherap	VKTX	...	dd	22.53	-0.33	...	...	...
43	19.09	VitalisSuperA	VLGEA	4.7	9	21.14	-0.48	25	...	...
30	3.07	Vimeo	VMEQ	...	dd	3.56	+0.02	...	...	...
20	7.80	VinciPartners	VNPR	8.9	11	8.00	-0.02	.17	...	...
91	0.96	VintagWineEstates	VWE	...	dd	1.08	-0.20	...	...	...
90	0.70	ViomiaTech	VIOT	...	dd	8.2	-0.10	...	...	...
78	18.05	VirBioTech	VIR	...	dd	24.69	+0.19	...	...	...
75	0.88	VirataTherap	VIAX	...	dd	1.16	+0.16	...	...	...
07	2.76	VircoMfg	VIRC	...	4	3.73	-0.01	...	...	...
40	16.26	VirtuFinacial	VIRT	5.5	9	15.75	-0.09	24	...	...
23	141.80	VirtusInvPtBrs	VRTS	3.8	10	171.48	+2.70	1.65	...	...
55	9.82	ViscosilInsPtro	VBC	...	dd	10.39	...	...	...	...
63	10.01	VisionSensingA	VSAC	...	dd	10.56	-0.03	...	...	...
66	94.71	Visteon	VC	...	28	134.59	-0.79	...	...	...
59	7.39	VitaCoco	COCO	...	cs	24.41	+1.77	...	...	...
18	7.89	VitalFarm	VITL	...	63	14.54	-0.88	...	...	...
99	11.65	Vitru	VTU	...	23	16.75	+3.77	...	...	...
89	6.26	VividuSeats	SEAT	...	24	9.62	+2.22	...	...	...
88	9.40	Vodafone	VOD	8.2	14	11.16	-0.79	4482	...	...
57	3.48	VroBiopharma	VOR	...	dd	3.32	+0.39	...	...	...
49	4.61	VoyagerTherap	VYGR	...	dd	10.44	+2.38	...	...	...
76	0.73	Vroom	VRM	...	dd	7.6	-0.08	...	...	...

DATA

TOP 500 EXCHANGE-TRADED PORTFOLIOS

BARRONS.COM/DATA

NOTICE TO READERS: Listed are the top 500 ETFs based on weekly volume.

Name	Tick Sym	Yld	Last	Chg.	Div Amt.
Bats					
ARK Genomic Rev	ARKG	...	29.86	+0.15	...
BLIKRiShMaturityBd	NEAR	2.8	49.62	+0.02	.1836
BLIKRUiTShBd	ICSH	2.9	50.22	+0.02	.1764
DimenIntlCore2	DFIC	1.6	24.41	-0.25	.0493
FTChoeVestBf	BUFR	...	23.59	-0.03	...
FTChoeVestUSEqA	GAPR	...	29.75	-0.03	...
GLbXUSInfrDevt	PAVE	8	27.70	-0.27	.1407
G5AccUitShBd	GSST	3.3	49.84	+0.05	.198
G5 PhysGold	AAAU	...	19.94	-0.07	...
InnovS&P500BuffJn	AJUN	...	31.88	-0.16	...
InnovS&P500PwrMAY	PMAY	...	28.59	-0.02	...
InnovRuss1000DyN	OMFL	1.6	47.29	-0.11	.2122
iPathS&P500VIX	VXX	...	37.51	-1.24	...
iShBrdUSDHYCpBd	USHY	6.4	34.96	-0.13	.1928
iShBrCoreMSCIEAFE	IEFA	2.4	68.37	-0.68	.3346
iShBrCoreMSCIEAFE	HEFA	3.0	30.29	+0.08	.1133
iShIntrlSelDiv	IDV	6.7	25.12	-0.64	.2135
iShUSAAero&Def	ITA	1.1	110.89	-0.87	.2796
iShUSHomeConstn	ITB	7	75.67	+0.16	.1401
iShEdgeMSCIMinEAFE	EAFV	2.3	70.35	-0.48	.7959
iShEdgeMSCIMinVIEM	EVN	1.9	55.41	-0.86	.4966
iShEdgeMSCIMinUSA	USMV	1.7	73.46	-0.13	.3205
iShEdgeMSCISuqAQM	MTUM	2.2	140.00	-0.53	.8036
iShEdgeMSCISuqAQM	QUAL	1.4	124.63	+0.08	.3652
iShEdgeMSCISuqAVal	VUE	3.4	88.16	-1.70	.7868
iShExpTechSftwr	IGV	...	29.27	+4.06	.2324
iShFRBd	FLOT	3.6	49.27	+0.05	.2304
iShIntlAggBd	IAGG	2.2	50.51	+0.13	.10817
iShMSCIChileCap	ECH	6.0	30.34	+1.17	.6886
iShMSCIEurozone	EZU	2.4	45.71	-0.97	.1749
iShMSCIGlbMet&MnPr	PICK	7.1	39.79	-1.36	.10654
iShMSCIEAFEGrwth	EFG	1.1	95.80	-0.63	.1798
iShMSCIIndia	INDA	...	41.32	-0.08	...
iShMSCIEAFEValue	EFV	3.9	49.59	-0.62	.5357
iShMtgRealEst	REM	12.1	20.83	-0.22	.1483
iShUSTEcom	IYZ	2.7	21.31	-0.35	.1643
iShUSTTreasuryBd	G0VT	2.1	23.37	-0.05	.0489
JPMBetaEurope	BBEU	4.1	54.89	-0.82	.0984
JPMBetaJapan	BBJP	1.4	49.75	+0.59	.6803
JPMUitShMuni	JMST	1.9	50.62	-0.01	.1227
-1xShVIXFuture	SVIX	...	10.10	+0.57	...
PacerGICashCows	GCOW	3.8	33.45	-0.72	.1566
PacerUSCashCows100	COWZ	2.1	45.16	-0.58	.2108
PacerUSCash100	CAWZ	1.2	36.77	-0.10	.1269
ProShS&P500Arist	N0BL	1.9	91.61	-0.86	.3539
ProShShVIXST	SVXY	...	69.36	+1.21	...
ProShUitVIXST	UVXY	...	3.48	-0.19	...
ProShVIXSTFut	VIXY	...	7.52	-0.28	...
2xLongVIXFut	UVIX	...	10.62	-0.81	...
VanEckHyfMuni	HYD	3.9	51.41	-0.15	.1642
VanEckMstrWldMoat	MOAT	1.1	73.19	-0.24	.8119
VanEckVietnam	VNM	9	12.49	+0.49	.0034
VangdESGUStk	ESGV	1.3	72.11	...	.1927
VangdUitShrtBd	VUSB	2.6	49.23	+0.03	.1714
NASDAQ					
AXS1.25XNVNDABrDly	INVD	1.7	15.55	+0.22	.22591
AXSShInnovDly	SARK	...	42.54	-0.34	.13748
AXSTSLABrDly	TSLO	9	51.48	+0.67	.20285
DirexTSLABrLx	TSLS	1.1	31.53	+0.37	.2548
DireXTSLAB1.5x	TSLL	1.1	9.15	-0.18	.0423
EABridgewayOmniSC	BSVO	...	16.16	-0.21	...
FidelityNasdaq	ONEQ	9	48.17	+0.15	.10
FT CapStrenthg	FTCS	1.4	73.15	-0.29	.2921
FT EnhStMat	FTSM	2.9	59.64	+0.05	.214
FT FT CapCommnd	FTGC	12.0	22.54	-0.39	.1604
FT GlnNatRscs	FTRI	8.6	12.48	-0.35	.1359
FT LowDurOpp	LMBS	2.7	48.14	+0.01	.1369
FT NasdCybersec	CIBR	2	40.45	+0.84	.0954
FT RisingDivAch	RDIV	2.4	43.26	-0.69	.1214
FT SMID CapRising	SDVY	2.6	25.23	-0.47	.1322
FT SrLoanFid	FTSL	6.0	45.04	-0.01	.285
FT TCC Opp	FIXD	3.6	45.17	-0.06	.125
GlbXNasd100Cv	QYLD	11.7	17.50	+0.10	.173
GlbXNatRscs&Al	BOYZ	2	25.36	+0.06	.0466
InnovActMgtETC	CONL	...	7.67	-0.23	...
InnovCS25HYfCpBd	BSQP	2.6	20.34	+0.01	.0576
InnovCS25HYfCpBd	BSJP	5.8	22.39	-0.03	.1132
InnovCS24CpBd	BSCQ	2.5	20.64	+0.02	.0497
InnovCS26CpBd	BSQJ	2.9	19.21	...	.0539
InnovCS23CpBd	BSCN	1.9	21.16	+0.04	.052
InnovHYEqDivAch	PEY	4.6	18.92	-0.41	.07
InnovCBWBank	KBWB	4.2	37.39	-1.30	.3338
InnovNasd100	QQQM	7	133.65	+0.82	.2543
InnovQQQ	QQQ	7	325.03	+2.14	.4722
InnovVarRateInvnt	VRIG	3.9	24.89	+0.04	.12
InnovBiotech	IBB	3	130.18	-1.74	.0646
iShBrdUSDInvCpBd	USIG	3.4	50.34	-0.08	.1667
iShCoreMSCITotInt	IXUS	2.3	62.61	-0.87	.49
iShCore1.5YUSDIBd	ITSB	2.3	47.24	-0.02	.1087
iShCoreS&PUSGrw	IUSG	1.0	89.99	+0.18	.2708
iShCoreS&PUSValue	IUSV	2.1	73.20	-0.62	.3494
iShCoreTotalUSDBd	IUSB	2.8	46.00	-0.08	.1287
iShESGAAwareMSCI	ESGD	2.3	73.42	-0.74	.3084
iShESGAAwareEFA	ESGE	2.6	30.70	-0.61	.5311
iShESGAAwareUSA	ESGU	1.6	90.56	-0.24	.4696
iShFallAngelsUSDBd	FALN	5.3	24.78	-0.11	.1139

Name	Tick Sym	Yld	Last	Chg.	Div Amt.
iSh5-10YIGCorpBd	IGIB	3.3	51.03	-0.10	.1598
iShGlbCleanEner	ICLN	9	19.07	+0.44	.0364
iShGlbInfr	IGF	2.5	48.78	-0.19	.5179
iShIBdsDec25Trea	IBTF	2.8	23.51	-0.02	.0762
iShIBdsDec24Trea	IBTE	3.1	23.93	+0.01	.0805
iShIBdsDec23Trea	IBTD	2.9	24.75	+0.02	.0879
iShJPMUSDEmBd	EMB	4.9	85.21	-0.18	.35
iShMBS	MBB	2.7	94.50	-0.32	.2598
iShMSCIACWI	ACWI	1.7	91.70	-0.61	.6764
iShMSCIACWIxUS	ACWX	2.5	49.25	-0.68	.3824
iShMSCIACJpn	AAJX	1.5	65.16	-1.91	.7872
iShIBdsDec24Trea	MCHI	1.8	46.22	-1.66	.7115
iShMSCIEAFESC	SCZ	1.9	60.54	-0.63	.1125
iShMSCIEMxChina	EMXC	2.7	49.57	-0.75	.8458
iShMSCIEurFins	EUFN	3.8	19.30	-0.38	.072
iShMSCITurkey	TUR	2.2	32.41	+2.89	.1764
iSh1-5YIGCorpBd	IGSB	2.5	50.58	...	.1321
iSh1-3YTreabD	SHY	2.0	82.17	-0.04	.1912
iShPfd&IncM	PFF	7.0	29.77	+0.01	.1706
iShSelectDiv	DVY	3.8	111.98	-1.98	.10052
iShSemiconductr	SOXX	1.1	410.64	-4.26	.10724
iShShortTreaBd	SHV	2.6	110.23	+0.09	.3975
iSh2-7YTreabD	IEI	1.7	118.36	-1.14	.2015
iSh3-10YTreabD	TLT	2.8	104.27	-0.62	.2618
iSh0-5YIGCorpBd	SLQD	2.4	48.53	+0.03	.1169
JPMNasdaqEqPrem	JEQJ	12.3	45.92	-0.48	.4841
ProShUitPrQQQ	TQQQ	9	28.73	+0.52	.1498
ProShUitShQQQ	SQQQ	1.3	28.34	-0.50	.2045
UST5TreaBill	TBIL	2.8	49.96	+0.05	.1982
ValkyrieBitcoin	BTF	...	10.25	-1.28	...
VanEckGIFallAnglHY	ANGL	4.9	27.29	-0.14	.1103
VanEckSemicon	SMH	...	122.90	-1.48	...
VangdGlbXUS RE	VNOJ	6	41.03	-1.26	.2353
VangdIntnCorpBd	VCIT	3.2	79.82	-0.09	.2334
VangdIntnTermTrea	VGIT	2.1	60.27	-0.09	.1224
VangdIntnDivApp	VIGI	2.0	75.86	-0.67	.3189
VangdIntnHIDiv	VIMI	4.4	63.39	-0.91	.3137
VangdLTCorpBd	VCLT	4.5	78.06	-0.32	.2994
VangdLongTrea	VGLT	2.9	64.59	-0.26	.1623
VangdBMS	VBMS	2.7	46.48	-0.14	.1216
VangdRuss1000Grw	VONG	9	63.92	+0.38	.1284
VangdRuss1000Val	VONV	2.3	66.01	-0.68	.3212
VangdRuss2000	VTWO	1.6	69.76	-0.72	.2177
VangdSTCpBd	VCSH	2.4	76.29	...	.1826
VangdShTMinflnTr	VTIP	5.7	47.80	-0.15	.0287
VangdShortTrea	VGSH	1.9	58.52	-0.01	.1442
VangdTotalBd	BND	2.7	73.67	-0.13	.1797
VangdTotIntlBd	BNDX	1.7	48.91	+0.06	.0698
VangdTotIntlStk	VXUS	2.9	55.77	-0.75	.1205
WitTCloudEqM	WCLD	...	26.68	+0.44	...
WitTCloudQtyDiv	DGRW	2.0	62.63	-0.49	.04

NYSE ARCA

AGF USMktNeut	ARKK	1.0	20.80	-0.12	.2132
ARK Innovation	BTAL	...	37.68	+0.29	...
ARK NextGen	ARKW	...	48.46	-0.38	...
abrdnPhysGold	SGOL	...	19.26	-0.06	...
abrdnPhysSilver	SIVR	...	23.00	-1.63	...
AdvShPureUSCan	MSOS	...	5.25	-0.93	...
AlerianMLPETF	AMPL	8.0	37.45	-0.91	.36
AmpCWPEnhDiv	DIVO	4.8	35.31	-0.35	.145
ARKFinInnov	ARKF	...	18.25	-0.27	...
AvantisUSEquity	AVUS	1.6	69.86	-0.48	.2642
AvantisUSSCValue	AVUV	2.0	70.36	-1.13	.3183
CapitalGrpDivVal	CGDV	1.5	25.14	-0.23	.0913
CapGrpGlbGrw	CGGO	...	25.31	-0.13	.081
CapitalGrpGrw	CGGR	3	22.60	...	.0469
CapGrpIntlFocus	CGXU	9	23.17	-0.31	.1215
ColumbiaDivFixed	DIAL	3.6	17.66	-0.13	.0151
ColumbiaResEnhCore	RECS	1.3	24.28	-0.06	.3205
CommSvsSPDR	XLC	8	59.71	+1.38	.15
CnsmrDiscSelSector	XLTY	1.0	147.83	-0.04	.3402
CnsStapleSelSector	XLP	2.4	77.12	-0.66	.4347
DimenCoreFxlncM	DFCF	3.2	42.53	-0.10	.1135
DimenEmgCore	DFAE	2.6	22.63	-0.46	.0307
DimenEMCore2	DFEM	2.0	23.19	-0.52	.0269
DimenIntlCore	DFAI	2.5	27.48	-0.28	.0902
DimenIntlValue	DFIV	3.8	32.85	-0.42	.1413
DimenShurFix	DFSD	2.3	46.75	-0.03	.0908
DimenUSCore	DFAU	1.4	28.70	-0.10	.0888
DimenUSCoreEq2	DFAC	1.4	25.20	-0.16	.0594
DimenUSHIProf	DFUH	1.3	24.83	-0.14	.0776
DimenUSMktVal	DFUW	1.8	32.52	-0.48	.1477
DimenUSRealEst	DFAR	1.8	21.24	-0.26	.0382
DimenUSSCETF	DFAS	1.1	50.29	-0.69	.103
DimenUSSCValue	DFSV	1.2	23.37	-0.46	.0581
DimenUSTargVal	DFAT	1.5	42.06	-0.61	.1273
DimenWorldExUS	DFAX	3.2	23.21	-0.34	.0419
DirexCSIChinalnt	CWEB	...	36.92	-2.55	...
DirexDJIBull3X	WEBL	...	7.93	+0.45	...
DirexEnergyBr2	ERY	1.3	33.80	-0.51	.3611
DirexEnergyBl2	ERX	3.2	51.61	-2.35	.4999
DirexChinaBr3	YANG	1.4	11.00	+0.95	.1584
DirexChinaBl3	YINN	1.8	38.28	-3.89	.1794
DirexFinlBear3	FAZ	1.2	22.62	+0.49	.2688
DirexFinlBull3	FAS	1.5	55.05	-2.32	.1663
DirexGoldMinBr2	DUST	1.6	9.88	+0.95	.1571
DirexGoldMinBl2	NUGT	5	44.37	-4.96	.0532
DirexJrGoldMinBr2	JDST	...	5.73	+0.50	...
DirexJrGoldMinBl2	JNUG	4	42.17	-4.57	.1683
DirexRealEstBl3	DRN	2.6	1.05	-0.28	.094
DirexRegBksBl3x	DPST	7.1	4.05	-0.75	.0364
DirexRetailBull3	RETL	1.2	6.33	-0.11	.026

Name	Tick Sym	Yld	Last	Chg.	Div Amt.
DirexS&P500Br3	SPXS	...	17.63	+0.20	...
DirexS&P500Bl3	SPXL	...	6.73	-0.01	.2619
DirexS&PBiotechBr3	LABD	2.3	13.56	-0.10	.2182
DirexS&PBiotechBl3	LABU	...	6.67	+0.01	...
DirexS&P500Br1	SPDN	1.6	15.55	+0.07	.0943
DirexHiTechBear3x	HIBS	1.1	6.03	+0.23	.0646
DirexS&POil&GasBr2	DRIP	1.6	16.45	+0.40	.2701
DirexS&POilBl2	GUSH	1.7	105.28	-2.26	.11265
DirexSemiBr3x	SOXS	1.3	20.54	+0.56	.1879
DirexS&P500Br1	SOXL	...	9.14	-0.45	.025
DirexS&P500Bl1	TZA	1.3	34.32	+0.10	.4602
DirexS&CulBl3	TNA	5	28.51	-0.96	.0375
DirexTechBear3	TECS	1.3	21.57	-0.15	.0737
DirexTechBl3	TECL	...	36.31	-0.31	.0768
Direx20+TreaBr3	TMV	1.1	111.96	+2.08	.1392
Direx20+YrTrBu1	TMF	1.7	8.30	-0.19	.0934
ETFMGAlHarvest	MJ	5.5	3.20	-0.35	.0656
ETFMGPrmJrSilv	SILJ	...	10.39	-0.88	.0057
EnSelSectorSPDR	FLE	4.2	78.52	-1.71	.7953
FidelityMSCIE	XNRY	3.9	21.27	-0.42	.0707
FidelityRealEst	FREL	3.9	24.59	-0.29	.328
FidelityTotalBd	FBNB	3.6	45.96	-0.09	.155
FinSelSectorSPDR	XLF	...	31.90	-0.43	...
FT DJ Internet	FDN	...	142.93	+2.96	...
FT EnergyAlpDx	FXN	4.0	14.64	-0.10	.2393
FT FInslAlpDx	FXO	3.1	34.47	-0.68	.2096
FTInstPtdSecs	FPXI	5.8	16.53	+0.05	.0806
FT LtDurlG	FSIG	3.3	18.86	-0.02	.007
FT MngstDirv	FDL	3.9	33.94	-0.60	.397
FT PfdSecs	FPE	6.4	15.62	-0.03	.0687
FT TCWUnlBd	UCON	4.0	24.51	-0.05	.0885
FT VallineDiv	FVD	2.1	40.22	-0.36	.2076
FlexGblUpstnNatRsc	GUNR	4.0	40.62	-1.27	.1653
FlexIbX3yDurtIPS	TDIT	5.7	23.93	-0.09	.1441
FrankFTSEIndia	FLIN	...	28.94	-0.03	.2121
GLBxCopperMiners	COPX	3.0	37.12	-2.97	.3951
GLBxLithium	LIT	...	61.30	+0.59	.1666
GLBxRuss2000Cvr	RYLD	13.0	17.93	+0.01	.5182
GLBxS&P500Cv	XYLD	12.1	40.74	+0.21	.376
GLBxSilverMiners	SIL	5.5	28.99	-0.19	.0632
GLBx US Pfd	PFED	6.7	18.84	+0.02	.105
GLBx Unfrn	URA	...	7.23	+0.19	.0492
GSTreasury0-1Y	GBIL	2.7	99.89	+0.09	.3775
GSGActiveBetaIntELQ	GSIE	2.9	31.46	-0.36	.2002
GSGActiveBetaEuS	GLSC	1.5	81.56	-0.09	.2819
GraniteGold	BAR	...	19.90	-0.08	...
HeartfordSchCdm	HCOM	40.8	15.36	-0.21	.1101
HealthCareCvMgtF	XLV	1.6	132.19	-1.40	.4891
IMGPDSBIMgdFut	DMF	4.0	26.58	...	.2474
IndSelSectorSPDR	XLI	1.7	98.48	-1.03	.3949
InvsCDBCom	DBC	...	6.26	+0.47	.1447
InvsCDBAgriFd	DBA	5	20.83	-0.20	.0964
InvsCDBOilFut	DBO	...	17.64	-0.19	.1002
InvsCDBSudBull	UUP	...	28.10	+0.44	.2466
InvsDynOil&GasV	PXJ	1.0	4.53	-0.01	.0126
InvsCMENovDebt	PCY	6.6	19.02	-0.04	.0774

DATA

MUTUAL FUNDS

About Our Funds

The listings include the top 1250 open-end funds by assets. These funds value their portfolios daily and report net asset values (the dollar amount of their holdings divided by the number of shares outstanding) to the National Association of Securities Dealers. Total returns reflect both price changes and dividends; these figures assume that all distributions are reinvested in the fund. Because Lipper is constantly updating its database, these returns may differ from those previously published or calculated by others. 3 year returns are cumulative. The NAV is the last reported closing price for the week. Footnotes: NA: not available, NE: performance excluded by Lipper editor, NN: fund not tracked, NS: fund not in existence for whole period, e: ex capital gains distributions, f: previous day's quote, n: no front- or back-end sales charge, p: fund assets are used to pay marketing and distribution costs (12b-1 fees), r: fund levies redemption fee or back-end load, s: stock dividend or split of 25% or more, t: fund charges 12b-1 fees (for marketing and distribution) and a back-end load, v: capital-gains distribution may be a return of capital, x: ex cash dividend.

	Net NAV	YTD Chg.	3-Yr. %Ret.	3-Yr. %Ret.
--	------------	-------------	----------------	----------------

A

AAM:

B&GIncrGfCII 21.78 -0.21 -1.3 40.2

B&GIncrGfCII

CapFdnLCapGw9 75.54 0.31 13.9 37.8

IntlStratEqPz 11.18 -0.18 1.6 22.2

MunilnrcShares 11.07 -0.02 3.9 13.7

AB Funds - A:

LgCpGrA 70.73 0.27 13.8 36.5

RelatValA 5.76 -0.07 -1.7 55.4

AB Funds - ADV:

GlbBd 6.84 -0.01 3.0 15.0

HilnlnAdv 6.59 0.00 3.7 -7.4

IntlStratEqPADV 11.16 -0.18 6.3 22.2

LgCpGrAdv 79.62 0.31 13.9 37.8

SelectUSLgShr 12.54 0.00 2.0 27.5

SmMidCapValAdv 19.71 -0.19 -2.7 69.3

Aberdeen Fds:

EmMktEqtyInst 12.74 -0.18 2.0 14.3

Advisers Inv Trst:

Balanced n 82.53 -0.66 4.0 35.9

Growth n 100.63 -0.90 4.6 54.3

Akre Funds:

AkreFocusInst 51.35 -0.31 6.8 25.7

AkreFocusRtl 49.46 -0.30 6.7 24.8

Amana Growth n:

AmanaGrowth n 61.62 0.13 7.7 57.2

Amer Beacon Instn:

SmCplnst 21.62 -0.30 -3.6 80.1

American Century G:

GlbBond 8.68 0.00 4.0 -4.1

Sustain Equity 41.71 -0.04 7.6 50.2

American Century I:

EqInlc 8.84 -0.04 1.3 38.8

Growth 43.04 0.29 17.6 39.3

IntTF 10.80 -0.01 2.7 3.8

MdCapVal 15.28 -0.16 -0.9 60.7

SmCapVal 8.73 -0.19 -4.2 81.0

American Century Inv:

DiscorVal n 29.28 -0.28 -4.2 32.6

EqGIn n 22.99 -0.04 4.8 29.3

EqInlc n 8.83 -0.03 1.3 38.0

Grwth n 41.76 0.28 17.5 38.0

Heritage n 19.28 -0.13 5.5 26.8

MdCapVal n 15.26 -0.16 -0.9 60.7

OneChMod n 13.49 -0.07 5.2 24.1

Select n 88.25 0.24 17.2 39.6

Ultra n 65.56 0.47 18.9 44.0

American Century R6:

MdCapVal 15.28 -0.16 -0.8 61.4

SmCapVal 8.73 -0.19 -4.2 81.9

American Funds CIA:

2020TarRetA 12.58 -0.06 3.4 16.9

2025TarRetA 13.99 -0.07 3.9 19.4

2030TarRetA 15.22 -0.07 4.7 23.4

2035TarRetA 16.30 -0.08 5.4 29.2

2040TarRetA 16.88 -0.08 6.0 32.1

2045TarRetA 17.22 -0.08 6.2 32.5

2050TarRetA 16.87 -0.07 6.5 32.1

Ampca 33.35 0.08 10.9 26.1

AMutIA 48.71 -0.39 1.0 43.7

BondA 11.60 -0.04 3.1 -6.7

Bala 29.56 -0.11 3.1 23.6

CapIBA 63.80 -0.74 2.0 28.6

CapWA 16.46 -0.11 2.7 -10.6

CapWGrA 54.81 -0.37 6.7 34.6

Eupaca 54.11 -0.41 10.4 28.6

FdnVA 64.04 -0.16 6.6 43.2

GBAlA 33.91 -0.32 4.7 18.5

GovTA 12.50 -0.05 3.0 -8.2

GrwthA 55.14 -0.02 11.4 29.7

HITRA 9.15 -0.01 3.3 20.1

HilnMunIA 14.72 -0.01 3.5 8.1

ICAA 44.20 -0.09 7.5 44.9

InCoA 22.58 -0.23 3.5 32.3

IntBdA 12.68 -0.03 3.1 -3.1

IntlGrInCA 34.28 -0.47 8.0 38.1

NOTICE TO READERS: Closed End Fund listings have moved to barrons.com/cefund. They will no longer appear in print. The Herzfeld chart has moved to the Market Lab Newsletter. To sign up for the newsletter, go to barrons.com/newletters.

	Net NAV	YTD Chg.	3-Yr. %Ret.	3-Yr. %Ret.
LtdTEBdA	15.20	-0.02	1.6	0.6
NPerA	52.36	-0.25	10.7	40.5
NECoA	47.81	0.00	9.9	22.0
NwWrIdA	71.31	-0.49	7.3	27.9
SmCpA	59.61	-0.49	6.3	24.3
STBFA	9.55	-0.01	2.0	-1.8
STTExBdA	9.86	-0.02	1.0	-0.1
TECAA	16.50	-0.02	2.7	0.9
TExxA	12.28	-0.01	2.9	1.7
WShA	52.62	-0.30	1.6	49.5

AMG Managers Funds:

YachtmanFocFd 18.78 -0.22 4.1 56.4

YackFocFd Nn 18.84 -0.23 4.0 55.5

YackmanFdl 21.75 -0.24 2.9 57.7

Angel Oak Funds Trst:

AnglOkMUSIFdCln 8.51 NA NA NA

AQR Funds:

LgCapDeFStyleI 25.74 -0.13 3.0 38.9

Ariel Investments:

Ariel Inv n 62.99 -2.28 1.1 65.4

Artisan Funds:

GblOppInst 28.66 0.15 8.5 22.3

Intl Inv n 25.99 -0.09 8.7 21.3

IntlInst 26.14 -0.09 8.8 22.0

IntlVal Inst 43.15 -0.05 11.8 74.0

IntlVal Inv n 42.99 -0.04 11.7 72.8

MidCapInst 36.41 0.04 8.8 13.5

MidCapInv n 30.50 0.04 8.7 12.7

B

Baird Funds:

AggBdInst 9.83 -0.02 3.4 -7.6

CorBdInst 10.10 -0.02 3.4 -5.6

IntBdInst 10.30 -0.01 3.1 -3.5

ShTtBdInst 9.33 0.00 2.2 0.7

Bancorp Funds:

Asset n 89.58 0.04 3.2 20.1

Growth n 90.29 -0.95 6.2 47.8

Partners n 126.61 -1.14 13.5 119.0

Baron Intl Share:

AssetInst 94.67 0.03 3.3 21.0

EmergingMktsInst 13.14 -0.20 0.8 10.4

GrowthInst 95.15 -1.00 6.3 49.0

PartnersInst 131.62 -1.18 13.6 120.7

SmallCapInst 27.79 -0.15 4.9 30.3

Bernstein Fds:

DivrMunin 13.81 -0.01 2.2 3.7

IntMurn 11.49 -0.03 3.3 -7.2

NYMun 13.35 -0.01 2.3 4.4

BlackRock Funds:

CoreBd Inst 8.44 -0.03 4.0 -7.2

HiYBk 6.78 -0.01 4.6 15.4

HiYBdInst 6.77 -0.02 4.4 15.0

InfPrfBdInst 10.01 -0.04 3.7 4.4

LowDurInst 8.96 -0.01 2.4 1.3

BlackRock Funds A:

AdvLgCapCore 16.19 -0.09 6.3 43.8

CapAppr 26.53 0.18 19.2 22.4

EqtyDivd 18.57 -0.13 2.5 51.1

GblAlloC 17.23 -0.03 4.7 20.0

GblHScOp 66.21 -0.36 0.9 25.1

MdCpGrA 27.36 0.01 7.2 10.4

MultiAstIncm 9.73 -0.04 3.9 11.9

NatIMuni 10.12 0.00 2.9 1.1

ScTechOppA 39.99 0.24 17.0 19.3

TotRet 10.14 -0.03 4.0 -6.3

BlackRock Funds III:

iShS&P500Idx484.16 -1.15 8.0 50.5

iShUSAggBdIdx 9.12 -0.02 3.6 -9.0

BlackRock Funds Inst:

AdvLgCapCore 17.13 -0.09 6.4 44.9

CAlnsMun 11.85 0.01 2.0 5.7

EmgMkts 22.89 -0.41 2.8 13.5

EqtyDivd 18.66 -0.13 2.6 52.2

FloRatelnPorlns 9.49 -0.02 4.0 19.2

GblAlloC 17.42 -0.03 4.8 20.9

HiEqInlc 26.94 -0.34 1.7 55.2

HlthScOp 70.70 -0.38 1.0 26.0

MdCpGrEq 32.20 0.01 7.2 11.2

MultiAstIncm 9.74 -0.04 4.0 12.7

NatIMuni 10.11 -0.01 3.0 1.8

ScTechOppInst 44.02 0.28 17.1 20.2

StratInCpOptlyns 9.24 -0.01 2.1 7.5

StratMuniOppl 10.47 0.00 2.3 5.5

TotRet 10.14 -0.03 4.1 -5.4

BNY Mellon Funds:

Apren 38.45 -0.09 8.6 51.0

Dr500Inn 47.06 -0.11 7.9 48.5

DreyfIn 14.40 0.06 10.1 53.4

GreyMid rInv n 26.70 -0.30 0.5 56.2

InfClnl 19.40 0.00 3.4 -0.3

InstS&PStkIdx 15.92 -0.14 8.0 49.8

IntlStk 23.44 -0.23 14.3 27.9

IntlStk 23.15 -0.23 14.3 28.1

SmMidCapGr 23.38 -0.36 2.7 0.4

StrgValI 38.53 -0.26 -0.4 90.6

BNY Mellon Funds Tru:

MCMultiStr 16.22 -0.11 2.3 41.3

NtIntMun 12.94 -0.01 2.6 2.5

Bridge Builder Trust:

	Net NAV	YTD Chg.	3-Yr. %Ret.	3-Yr. %Ret.
CoreBond	9.03	-0.02	3.3	-6.8
CorePlusBond	8.91	-0.02	3.4	-3.7
IntlEq	11.89	-0.11	10.9	37.3
LargeCapGrowth	19.01	0.05	11.2	37.4
LargeCapValue	15.03	-0.16	0.6	65.9
MunicipalBond	9.85	-0.01	2.4	3.1
S/MCapGrowth	12.39	-0.02	5.4	25.8
S/MCapValue	12.14	-0.13	-1.9	64.4

Brown Advisory Funds:

GrwthEquityInst 23.94 0.01 10.5 15.0

C

Calamos Funds:

MktNeutl 14.27 0.01 3.9 10.9

Calvert Investments:

Eq A 69.32 -0.28 4.8 42.9

Carillon Reams:

CorePIBd I 30.43 -0.08 4.4 -2.5

Carillon Scout:

MidCap I 19.52 -0.22 0.8 47.1

CausewayInst :

CausewayInst 18.69 -0.27 17.3 75.2

CIBC Atlas:

DisEq Inst 25.44 0.05 5.6 40.6

ClearBridge:

AggressGrowthA100.99 -0.95 4.8 12.8

AllCapValueA 11.94 -0.12 -2.0 54.0

AppreciationA 28.19 -0.09 6.0 49.3

DividendStratI n 27.44 -0.21 3.1 53.4

DividendStratA 27.41 -0.22 2.9 52.1

LargeCapGrowthA n 47.08 0.04 17.7 30.0

LargeCapGrowthB 54.87 0.04 17.8 31.1

SmallCapGrowthB 37.43 -0.47 0.3 25.2

Cohen & Steers:

GblRtly 49.54 -0.92 2.4 26.2

IntlRtly 43.29 -0.38 2.5 39.2

PrefSecIncl 11.04 0.00 -4.2 -1.5

RtlyIncl 56.41 -0.14 2.5 39.9

RtlyShs n 19.44 -0.54 2.4 38.1

Colorado BondShares:

ColoradoBdShs 8.70 0.01 3.3 11.4

Columbia Class A:

BalancedA 43.63 -0.08 7.9 27.3

ContCoreA 26.89 -0.03 10.7 48.9

DisplCoreA 11.73 -0.01 7.2 45.7

DivIncA 28.49 -0.19 10.0 47.7

DivOpptyA 33.35 -0.37 -3.5 46.2

LgCpGrWA

DATA

MUTUAL FUNDS

DATA PROVIDED BY LIPPER

BARRONS.COM/DATA

	NAV	Chg.	YTD %Ret.	3-Yr. %Ret.
Growth Adv	112.19	-0.23	8.9	37.6
IncomeAdv	2.25	-0.01	2.4	37.0
RisDiv Adv	85.83	-0.47	4.4	56.3
SmCpValAdv	51.59	-0.98	-3.2	64.4
Utils Adv	21.67	-0.04	0.1	38.1
FrankTemp/Franklin A:				
BALA	12.11	-0.07	1.6	25.0
DynaTech A	108.02	0.56	16.7	14.7
Eqln A	27.90	-0.23	0.0	47.6
FoundFAIA	13.19	-0.05	4.5	29.3
GrOp A	39.33	0.10	13.0	16.6
Growth A	111.20	-0.24	8.8	36.6
LwDuToRt A	8.87	-0.01	2.4	6.0
RisDiv A	85.92	-0.48	4.3	55.2
SmCpVal A	48.18	-0.91	-3.3	63.2
SmMCPGrA	29.33	-0.10	6.2	16.6
StrInc A	8.21	-0.01	3.8	5.9
TlRtn A	8.40	-0.02	3.9	-4.7
FrankTemp/Franklin C:				
Income C	2.31	-0.02	2.1	33.9
FrankTemp/Franklin R:				
FrkDyTchR6	114.30	0.59	16.8	15.9
FrkGrthR6	112.12	-0.23	9.0	38.0
FrkIncR6	2.26	-0.01	2.4	37.7
FrkRisDivR6	85.82	-0.47	4.4	56.7
FrkSmCpGrR6	19.99	-0.06	8.4	17.1
FrankTemp/Mutual A&B:				
Shares A	22.58	-0.18	0.2	41.7
FrankTemp/Temp A:				
Frgn A	7.44	-0.12	8.5	43.2
GlBond A	7.83	-0.06	0.4	-10.8
Growth A	23.45	-0.12	9.7	31.6
World A	13.06	0.02	14.5	18.3
FrankTemp/Temp Adv:				
GlBondAdv	7.78	-0.07	0.4	-10.2
Frost Family of Fund:				
FrtRInst	9.44	0.00	3.0	9.7
G				
Gabelli Funds:				
Asset p n	48.94	-0.82	3.0	48.7
GE Eifun/S&S:				
Trusts n	64.68	0.30	10.4	46.6
GMO Trust Class II:				
Quality	25.83	0.06	12.0	56.2
GMO Trust Class VII:				
Quality	25.83	0.05	12.0	56.6
Goldman Sachs Inst:				
EmgMktEq	20.86	NA	NA	NA
HYMuni	9.08	0.00	4.2	8.6
Muni	15.12	0.00	3.0	6.4
ShDuTf	10.29	0.00	1.4	1.2
Guggenheim Funds Tr:				
MacOppFidClnst	124.00	-0.03	3.5	12.9
TotRtnBdFidClnst	23.81	-0.04	4.2	-3.3
GuideStone Funds:				
EqlndGSS2	43.37	NA	NA	NA
MedDurGSS2	12.90	NA	NA	NA
H				
Harbor Funds:				
CapApInst	76.18	0.58	21.4	28.8
IntInst	43.40	-0.34	10.3	46.0
SmCpValInst	36.20	-0.52	1.0	54.6
Harding Loeven:				
EmgMktsAdv n	40.52	-0.60	2.3	5.8
IntIEq	25.42	-0.37	8.5	33.8
Harford Funds A:				
BallInc	13.69	-0.09	0.5	16.9
CapAppA	34.82	0.02	5.6	37.2
DiscEqA	41.11	0.02	6.3	42.8
DivGth A	29.74	-0.10	1.9	57.1
Eqlnc	19.50	-0.25	-2.6	53.3
GrOppty	34.80	0.51	16.5	20.0
MidCap A	23.47	-0.07	3.8	23.3
Harford Funds C:				
Bal IncC	13.44	-0.09	0.1	14.2
Harford Funds I:				
BallIncI	13.70	-0.08	0.6	17.8
DivGthI	29.55	-0.09	2.0	58.3
EmgMktEqIn	14.82	-0.30	1.9	12.6
EqlncI	19.34	-0.24	-2.5	54.4
InterVal	16.51	-0.08	9.2	72.9
IntAlpIn	16.08	-0.11	11.6	46.7
MidCap	24.91	-0.08	3.9	24.2
WorldBond	10.16	-0.03	2.5	-1.0
Harford HLS Fds IA:				
Balanced	27.28	-0.07	3.8	30.6
CapApp	41.79	-0.07	6.2	41.6
DiscEq	16.78	0.02	6.3	44.4
Div&Grwth	22.48	-0.07	2.0	59.2
Stock	96.31	-0.61	0.7	53.2
TotRetBd	9.63	0.00	3.9	-5.4
I				
IFP US Equity Fund:				
IFP US EquityFid	18.43	-0.06	11.5	51.4
Invesco Fds Investor:				
DivrsDivn	17.27	-0.17	-0.8	46.2
Invesco Funds A:				
500InxA	43.63	-0.11	7.9	48.4
ActiveAIIA	12.50	-0.05	5.1	27.2
CapAppA p	53.11	0.60	11.9	30.3
Chart	15.93	-0.03	8.6	41.7
CmstA	25.86	-0.38	-1.8	80.5

	NAV	Chg.	YTD %Ret.	3-Yr. %Ret.
DevMktA	39.30	-0.57	10.4	9.1
DiscFdA p	74.64	0.42	4.3	22.7
DisMidCpGrA	21.39	-0.04	2.7	19.5
DivIncM	23.96	-0.25	-1.0	41.6
DivrsDivp	17.28	-0.17	-0.9	45.9
EqlncA	9.71	-0.11	-0.6	39.9
EqWtdA p	64.19	-0.70	0.5	59.1
GblStrIncM p	3.11	-0.01	3.6	3.7
GlbOppA p	46.07	-0.24	6.4	-4.5
GrIncA	20.04	-0.33	-1.9	64.3
HYMuA	8.67	-0.03	3.2	7.1
IntTMAI p	10.38	0.00	2.7	3.9
InvGlbIFdA	18.87	0.80	15.5	30.2
LmtTmMunInc p	11.03	-0.01	1.7	3.3
MnStFndA	46.97	-0.08	8.2	42.6
MnStSmCpA p	23.70	-0.14	1.5	43.4
ModInvA	10.40	-0.03	4.8	19.8
MunInA	11.97	-0.01	3.6	3.4
RchIHlYdMuniA	6.90	0.00	5.0	9.9
RisingDivA	22.29	-0.14	5.7	51.3
RochAMTTrFrMuni	6.94	-0.01	4.0	4.8
RochLmtTrFrMunip	2.81	0.00	2.5	3.2
RoMuA p	15.41	-0.01	4.9	5.7
SenFlRTA	6.51	0.00	2.7	23.7
SPIncomeA	4.54	-0.03	1.7	143.6
Invesco Funds P:				
Summit P n	18.81	0.17	13.7	20.8
Invesco Funds Y:				
DevMktY	38.63	-0.56	10.5	9.9
DiscovY	92.12	0.53	4.4	23.6
EqWtdY	65.21	-0.70	0.6	60.3
Globly	86.94	-0.81	15.6	31.1
IntGrowY	37.68	-0.15	13.9	29.3
IntlSmCy	42.20	-0.50	8.6	19.4
Ivy Funds:				
AssetStA p	18.63	-0.15	4.2	33.7
CoreEqA t	14.73	0.03	6.4	50.6
LgCpGwthA p	26.21	0.21	17.5	47.9
LgCpGwthI r	28.67	0.23	17.6	49.2
MidCap	28.38	-0.21	5.9	27.1
MidCpGwthA p	24.85	-0.19	5.7	25.9
ScTechA p	40.97	-0.03	11.7	24.9
ScTechI r	52.32	-0.02	11.8	25.6
J				
Janus Henderson:				
Balanced C	38.88	-0.13	5.7	22.7
Balanced T n	39.50	-0.13	6.0	25.6
Enterprise T n	124.00	-0.06	5.5	43.5
Grw&Inc T n	26.62	-0.53	5.1	52.7
Resh T n	54.96	0.31	15.9	32.3
Jensen I :				
Jensen I	58.02	0.20	6.4	49.0
JensenQualGrJ n:				
JHF QualGrJ n	58.08	0.20	6.3	48.1
JHF III DispVal:				
DispVal I	20.49	-0.05	-1.9	62.1
DispValIMCI	24.41	-0.17	0.0	65.5
DispValIMdCp	23.20	-0.17	0.1	64.3
DispValIMdCpR624	-0.18	0.0	65.9	
DispValR6	20.54	-0.05	-1.9	62.6
JHITFunLgCpCorFd:				
FunLgCpCorA	55.86	-0.38	10.8	50.4
John Hancock Class I:				
500IndexI	43.93	-0.11	7.9	49.3
BondI	13.58	-0.03	3.5	-4.9
BondR6	13.60	-0.04	3.5	-4.7
IntlGrwl	23.85	-0.40	6.3	17.8
John Hancock Class II:				
BlueChipGrw	32.67	-0.34	20.7	16.2
LSAggr	19.39	0.10	4.9	38.1
LSBalncd	12.02	-0.06	4.6	23.7
LSGrwth	12.34	-0.08	4.8	31.5
LSModr	11.40	-0.05	4.2	15.8
John Hancock Funds A:				
BalA	23.71	0.02	5.8	22.9
BondA p	13.58	-0.03	3.4	-5.8
LifeBal	12.14	-0.06	4.5	22.4
LifeGrw	12.42	-0.08	4.7	30.2
John Hancock Instnt:				
StratIncMOppl	9.84	-0.01	3.5	6.0
JPMorgan A Class:				
CoreBond	10.39	-0.02	3.9	-6.7
CorePlusBd p	7.31	-0.01	3.9	-5.5
Eqlnc p	21.16	-0.22	-3.8	50.3
GrwthAdv p	25.01	0.22	13.4	42.4
Inv Bal p	14.31	-0.04	4.8	21.2
InvCon p	11.77	-0.02	4.1	10.7
InvGv& p	16.76	-0.05	5.2	30.0
InvGrwtp	20.82	-0.09	5.9	41.1
LgCpGwth p	48.05	0.36	10.3	39.9
USEquity	18.41	0.02	8.5	50.9
ValAdv t	33.33	-0.36	-3.3	59.1
JPMorgan I Class:				
CoreBond	10.38	-0.02	4.0	-6.0
CorePlusBd	7.30	-0.02	3.8	-4.8
EmMktEqI	28.25	-0.49	1.1	7.4
Eqlnc	21.59	-0.23	-3.7	51.5
GrAdv r	26.47	0.23	13.5	43.5
LgCapVal	17.68	-0.21	0.7	83.7
LgCpGwth	49.36	0.37	10.4	41.0
MidCpGrw	40.16	0.14	6.0	26.6
MidCpVal	32.84	-0.31	-2.5	59.9
MtgBckd	10.24	-0.01	4.2	-3.9
ShtDurBnd	10.63	0.00	2.5	1.3
SmCap	49.92	-0.83	-0.7	45.5
USEquity	18.49	0.01	8.6	52.0
ValAdv	33.61	-0.35	-3.2	60.3
JPMorgan Inst Class:				

	NAV	Chg.	YTD %Ret.	3-Yr. %Ret.
ValAdv L	33.65	-0.35	-3.2	61.0
JPMorgan L Class:				
FIEmMktEq L	28.47	-0.49	1.1	7.8
MidCpVal L	33.45	-0.32	-2.5	60.8
JPMorgan R Class:				
CoreBond	10.40	-0.01	4.1	-5.5
CorePlusBd	7.31	-0.01	4.0	-4.5
HighYldr	6.18	-0.01	3.0	12.7
MtgBckd	10.24	-0.01	4.2	-3.5
ShtDurBnd	10.63	0.00	2.5	1.5
USResEnhEq	31.74	-0.04	9.1	56.0
JPMorgPm:				
USEquity L	18.54	0.02	8.7	52.7
L				
Laudus Funds:				
USLgCpGr nr	20.36	NA	NA	NA
Lazard Instlt:				
EmgMktEq	15.66	-0.28	7.5	32.6
GblStInfr	15.33	0.05	8.8	39.2
IntStrtGr	14.59	0.08	8.7	30.9
Legg Mason I:				
IntlGrTrl	60.45	-0.32	11.9	28.1
Longleaf Partners:				
Partners n	20.27	0.02	11.0	53.0
Loomis Sayles Fds:				
LSBondI	11.46	-0.04	2.4	4.9
Lord Abbett A:				
Affltd p	15.02	-0.09	-2.8	41.5
BDDeb p	6.98	-0.01	1.8	6.9
CalibrDirvGr	17.49	-0.10	3.6	48.0
FlytMnt p	7.91	-0.01	3.6	20.6
HOAMRtBd	10.66	0.00	3.4	6.0
IntTrXfr	10.71	-0.01	3.0	2.4
MultiAstBalOpQty	10.22	-0.04	2.8	26.1
ShtDurIncmAp	3.86	0.00	2.1	4.0
TaxTfr	10.42	-0.01	3.9	2.1
Lord Abbett C:				
ShtDurIncmCt	3.88	-0.01	1.9	1.8
Lord Abbett F:				
ShtDurIncm	3.86	0.00	2.4	4.3
Lord Abbett I:				
BDDebntr	6.94	-0.01	1.9	7.5
FloaTrt	7.92	-0.01	3.9	21.3
HIYld	6.18	-0.01	3.2	12.4
ShtDurIncp	3.86	0.00	2.4	4.6
M N				
MainStay Fds A:				
HYIYlBdA	5.03	0.01	4.3	14.3
TrxFrBdA	9.43	-0.01	3.0	1.1
Mairs & Power:				
Mass Mutual:	128.52	-0.66	8.9	45.4
SellBuChnpGroCll	19.79	0.13	21.7	25.9
Mass Mutual Select:				
McGrEqIll	18.42	-0.12	5.4	30.4
Metropolitan West:				
LowDurBdl	9.27	-0.02	2.7	0.4
TrtRetBd n	8.30	-0.03	3.8	-8.9
TrtRetBd l	9.27	-0.03	4.0	-8.3
TRBdPlan	8.69	-0.03	3.9	-8.1
UnconstBdl	10.42	-0.01	3.9	4.4
MFS Funds:				
IIE	31.77	-0.24	12.9	47.8
MFS Funds Class A:				
AgGrAIa	26.02	-0.18	4.9	37.6
CoEqyA	40.41	0.01	6.5	44.2
GrowthA	138.91	1.04	13.5	25.0
IntVA	39.32	-0.54	10.6	21.7
MCpA	23.33	-0.09	5.6	19.8
McPValA	27.05	-0.23	8.0	64.1
MIGA	35.97	0.20	8.9	47.9
MITA	33.85	0.03	5.8	45.0
MuHIA	7.32	0.00	3.2	5.1
MuInA	9.12	-0.01	3.2	2.7
ResBdA	8.51	-0.03	3.7	-5.3
RSchA	49.42	0.19	6.1	40.7
ToRtRA	18.50	-0.10	1.0	25.5
UtilA	23.04	0.02	2.3	4.9
ValueA	46.48	-0.42	-1.7	46.4
MFS Funds Class I:				
GrowthI	150.60	1.14	13.6	25.9
MCapI	25.14	-0.09	5.7	20.8
MCapValI	27.88	-0.24	6.7	65.3
MIGI	37.47	0.21	9.0	49.0
ResBdl	9.51	-0.03	3.7	-4.9
RSchl	51.09	0.19	6.2	41.7
ValueI	46.79	-0.43	-1.7	47.5
Morgan Stanley Inst:				
CapGrI	30.02	0.48	17.4	-22.1
CapGrPp	26.93	0.43	17.3	-22.7
GloFrantI	32.69	-0.13	8.6	32.3
MorganStanley Pathways:				
CoreFlxm n	7.00	NA	NA	NA
LgCapEq n	20.05	-0.05	7.3	43.1
Munder Funds:				
MndrIntScplnvr	13.81	-0.10	7.9	33.0
Mutual Series:				
BeaazC	15.06	-0.17	4.8	43.8
GblDisca	28.08	-0.32	6.2	56.7
GblDiscc	28.89	-0.33	6.3	57.8
Qustz2	12.76	-0.23	-1.6	23.9
SharesZ	22.92	-0.19	0.3	42.7
Natixis Funds:				

(y)-Value 1000 and Growth 1000. (y)-Dec. 31,1965=50, (z)-Dec. 31,2002=5000.

The Week In Stocks For the Major Indexes

12-Month		Weekly		Friday		Weekly		12-Month		Change From	
High	Low	High	Low	Close	Chg.	% Chg.	Chg.	% Chg.	12/30	% Chg.	
Dow Jones Indexes											
34589.77	28725.51	30 Indus	33618.69	33300.62	33300.62	-373.76	-1.11	1103.96	3.43	153.37	0.46
15640.70	11999.40	20 Transp	14015.94	13783.19	13783.19	-339.94	-2.41	-673.22	-4.66	391.28	2.92
1061.77	838.99	15 Utilities	966.64	956.30	959.19	-3.08	-0.32	-33.55	-3.38	-8.21	-0.85
11689.14	9679.49	65 Comp	11174.41	11062.30	11062.30	-150.67	-1.34	18.86	0.17	99.47	0.91
Dow Jones Indexes											
43441.80	36056.21	US TSM Float	41233.17	41047.86	41056.83	-136.93	-0.33	630.34	1.56	2536.23	6.58
1056.61	876.95	US Market	1007.81	1003.29	1003.89	-2.91	-0.29	18.84	1.91	66.06	7.04
709.84	528.30	Internet	656.83	643.21	651.18	13.47	2.11	-4.79	-0.73	90.45	16.13
New York Stock Exchange											
16122.58	13472.18	Comp-z	15391.27	15246.36	15246.36	-134.51	-0.87	-11.00	-0.07	62.05	0.41
9504.73	7655.99	Financial-z	8531.64	8441.33	8441.33	-83.31	-0.98	-354.39	-4.03	-227.44	-2.62
23941.25	20936.55	Health Care-z	23498.90	23278.52	23278.52	-177.08	-0.75	695.89	3.08	-161.32	-0.69
14030.84	10452.57	Energy-z	12350.35	12100.95	12122.37	-227.58	-1.84	-252.13	-2.04	-929.52	-7.12
NYSE American Stock Exchange											
4688.00	3582.25	NYSE Amer Comp	4061.01	3957.22	3963.63	-60.01	-1.49	-62.17	-1.54	-171.70	-4.15
3142.38	2510.61	Major Mkt	3094.20	3058.42	3058.42	-35.72	-1.15	202.88	7.10	120.38	4.10
Standard & Poor's Indexes											
1966.75	1615.09	100 Index	1906.98	1894.97	1901.30	-1.08	-0.06	72.45	3.96	192.13	11.24
4305.20	3577.03	500 Index	4138.12	4119.17	4124.08	-12.17	-0.29	100.19	2.49	284.58	7.41
5998.87	4996.32	Indus	5877.91	5842.73	5863.68	-4.11	-0.07	257.48	4.59	551.37	10.38
2726.61	2200.75	MidCap	2453.87	2432.73	2432.73	-28.37	-1.15	1.90	0.08	2.35	0.10
1315.82	1064.45	SmallCap	1133.24	1119.61	1119.61	-19.36	-1.70	-69.72	-5.86	-37.92	-3.28
Nasdaq Stock Market											
13128.05	10213.29	Comp	12328.51	12179.55	12284.74	49.33	0.40	479.74	4.06	1818.26	17.37
13667.18	10679.34	100 Index	13389.78	13201.11	13340.18	81.05	0.61	952.78	7.69	2400.41	21.94
9741.81	7178.71	Indus	8257.67	8168.95	8206.66	28.25	0.35	-237.67	-2.81	858.99	11.69
12643.69	9622.71	Insur	11626.43	11477.53	11477.53	-64.45	-0.56	1048.90	10.06	-164.36	-1.41
4613.89	2658.90	Banks	2739.74	2673.77	2680.21	-101.13	-3.64	-1463.25	-35.31	-1364.75	-33.74
10090.32	7416.59	Computer	10090.32	9911.19	10060.33	97.93	0.98	894.07	9.75	2253.37	28.86
417.06	329.24	Telecom	384.96	380.02	382.01	-2.14	-0.56	-24.92	-6.12	10.55	2.84
Russell Indexes											
2371.04	1969.25	1000	2263.52	2253.41	2254.83	-6.42	-0.28	44.23	2.00	148.93	7.07
2021.35	1649.84	2000	1759.51	1740.85	1740.85	-19.03	-1.08	-51.82	-2.89	-20.40	-1.16
2499.11	2076.07	3000	2373.10	2362.35	2363.10	-7.79	-0.33	40.05	1.72	145.95	6.58
1592.73	1339.62	Value-v	1497.45	1480.88	1480.88	-16.62	-1.11	-39.91	-2.62	-16.24	-1.08
2588.53	2082.30	Growth-v	2505.86	2479.93	2499.46	12.03	0.48	157.38	6.72	341.27	15.81
3001.83	2481.47	MidCap	2746.91	2727.29	2727.29	-21.02	-0.76	-64.11	-2.30	26.62	0.99
Others											
9697.62	7679.59	Value Line-a	8816.63	8712.49	8712.49	-103.93	-1.18	105.83	1.23	182.46	2.14
606.49	491.56	Value Line-g	542.22	535.30	535.30	-7.06	-1.30	-30.46	-5.38	-1.05	-0.20
13782.03	11195.10	DJ US Small TSM	12111.72	11981.85	11981.85	-153.06	-1.26	-353.56	-2.87	-69.26	-0.57
933.75	760.10	Barron's Future Focus	871.74	862.36	862.36	-6.54	-0.75	11.39	1.34	50.19	6.18
1023.20	825.73	Barron's 400	902.02	895.05	895.05	-8.53	-0.94	-36.33	-3.90	-25.34	-2.75

High/Low's are based upon the daily closing index. a-Arithmetic Index. G-Geometric Index. V-Value 1000 and Growth 1000 y-Dec. 31,1965=50 z-Dec. 31,2002=5000

Indexes' P/Es & Yields

DJ Latest 52-week earnings and dividends adjusted by Dow Divisors at Friday's close. S&P Dec. 4-quarter's GAAP earnings as reported and indicated dividends based on Friday close. S&P 500 P/E ratios based on GAAP earnings as reported. For additional earnings series, please refer to www.spglobal.com. DJ latest available book values for FY 2021 and 2020, and S&P latest for 2022 and 2021. r-Revised data

	Last Week	Prev. Week	Last Year
DJ Ind Avg	33300.62	33674.38	32196.66
P/E Ratio	21.69	22.08	18.45
Earns Yield %	4.61	4.53	5.42
Earns \$	1535.05	1525.04	1744.98
Divs Yield %	2.11	2.08	2.01
Divs \$	701.46	700.37	648.60
Mkt to Book	4.48	4.53	4.92
Book Value \$	7439.45	7439.45	6543.35
DJ Trans Avg	13783.19	14123.13	14456.41
P/E Ratio	11.19	11.47	14.39
Earns Yield %	8.93	8.72	6.95
Earns \$	1231.22	1231.22	1004.96
Divs Yield %	1.47	1.43	1.17
Divs \$	202.03	201.36	169.48
Mkt to Book	4.29	4.39	4.89
Book Value \$	3214.72	3214.72	2957.33
DJ Utility Avg	959.19	962.27	992.74
P/E Ratio	23.24	23.29	28.68
Earns Yield %	4.30	4.29	3.49
Earns \$	41.27	41.32	34.62
Divs Yield %	3.13	3.11	2.89
Divs \$	30.03	29.90	28.72
Mkt to Book	2.20	2.21	2.53
Book Value \$	435.47	435.47	392.45
S&P 500 Index	4124.08	4136.25	4023.89
P/E Ratio	23.87	23.94	20.34
Earns Yield %	4.19	4.18	4.92
Earns \$	172.75	172.75	197.87
Divs Yield %	1.69	1.68	1.60
Divs \$	69.70	69.49	64.38
Mkt to Book	4.03	4.04	3.99
Book Value \$	1024.56	1024.56	1008.02
S&P Ind Index	5863.68	5867.79	5606.20
P/E Ratio	25.25	25.27	23.33
Earns Yield %	3.96	3.96	4.29
Earns \$	232.18	232.18	240.29
Divs Yield %	1.51	1.51	1.43
Divs \$	88.54	88.60	80.17
Mkt to Book	5.35	5.35	5.38
Book Value \$	1095.83	1095.83	1042.07

Per Share Values of Stocks In the Dow Jones Averages

This is a list of the Dow Jones trailing 52-week diluted share earnings, dividends and book values as reported by the company. Bolded numbers indicate new values. Sources: Barron's Stats and FactSet.

Industrial Stocks							
	Earns	Divs.	Book Value		Earns	Divs.	Book Value
Am Exp	9.51	2.16	29.14	Johnson&John	4.78	4.52	28.16
Amgen	14.71	7.95	12.00	JPMorgChase	13.55	4.00	88.07
Apple	5.89	0.93	3.84	McDonalds	9.44	5.80	(6.17)
Boeing	(6.92)	Suspended	(25.47)	Merck Co	5.12	2.84	15.11
Caterpillar	13.53	4.80	30.76	Microsoft	9.23	2.60	22.31
Chevron Corp	18.52	5.77	72.06	Nike Inc	3.47	1.29	9.73
Cisco Sys	2.73	1.53	9.79	Proc Gam	5.11	3.6806	19.11
Coca Cola	2.28	1.78	5.32	3M Co	9.65	5.97	26.31
Disney Walt	1.82	0.00	48.71	Salesforce.com	0.21	0.00	58.78
Dow	4.00	2.80	24.71	Travelers Cos	11.73	3.72	119.76
Goldman Sachs	28.09	9.50	297.50	UnitedHealth Grp	21.87	6.40	76.26
Home Depot	16.68	7.79	(1.64)	Verizon	5.14	2.5975	19.48
Honeywell	7.70	4.07	27.12	Visa	7.54	1.725	16.32
IBM	7.15	6.61	21.05	Walgreens	(3.65)	1.9175	27.06
Intel	(0.68)	1.22	23.44	Wal-mart	4.28	2.26	30.15

Transportation Stocks							
	Earns	Divs.	Book Value		Earns	Divs.	Book Value
Alaska Air Group	0.46	Suspended	30.19	Kirby Corp	2.42	Nil	48.02
American Airlines	2.53	Suspended	(11.33)	Landstar Sys	10.58	1.20	22.87
Avis Budget Grp	55.20	Nil	(3.93)	Matson Inc	19.42	1.24	40.67
C.H. Robinson	6.21	2.32	15.65	North Southern	13.01	5.07	56.80
CSX Corp	2.03	0.41	6.13	Old Dominion	12.16	1.30	32.00
Delta Air Lines	2.95	Suspended	6.07	Ryder Sys	16.65	2.44	52.02
Expeditors Int'l	7.64	1.34	20.90	Southwest Air	1.00	Nil	17.59
FedEx	11.58	4.60	95.98	Un Pacific	11.32	5.08	22.17
Hunt (JB)	8.80	1.62	29.67	UPS	12.36	6.28	16.38
JetBlue Air	(0.91)	Nil	12.03	United Airlines	5.82	Nil	15.53

Utility Stodcs							
	Earns	Divs.	Book Value		Earns	Divs.	Book Value
AES Corp.	(0.29)	0.6478	2.96	Exelon	2.25	1.395	35.13
Am Elec	3.87	3.27	44.49	FirstEnergy	0.57	1.56	15.21
American Water Wols	4.55	2.6725	40.18	NextEra Energy	3.36	1.7425	18.95
Atmos Energy	5.82	2.84	59.71	Xcel Energy	3.23	1.9825	28.70
Con Ed	7.04	3.18	56.60	Pub Sv Ent	4.64	2.19	28.65
Dominion Energy	1.43	2.67	31.51	Sempra Energy	7.76	4.625	79.17
Duke Energy	3.25	4.02	61.55	Southn Co.	3.11	2.74	25.36
Edison Int'l	2.20	2.875	36.57				

Stock Volume

	Last Week	Prev. Week	Year Ago	YOY % Chg	
NYSE(a)	4,202,067	4,754,295	6,122,688	-31.37	
30 Dow Inds (b)	1,275,061	1,448,604	2,306,997	-44.73	
20 Dow Trans (b)	352,463	421,926	623,155	-43.44	
15 Dow Utils (b)	235,856	269,981	312,695	-24.57	
65 Dow Stks (b)	1,863,380	2,140,512	3,242,847	-42.54	
NYSE American (a)	46,027	47,406	95,372	-51.74	
Nasdaq(d)	21,950,905	25,772,588	30,736,271	-28.58	
NYSE 15 Most Active					
Average Price	15.28	20.53	16.29	-6.20	
% Tot Vol	14.31	14.46	14.76	-3.05	
Stock Offerings \$(z,v)	1,258,200	7,130,300	844,800	48.93	
Daily Stock Volume					
	5/8	5/9	5/10	5/11	5/12
NYSE(a)	810,108	875,127	903,468	837,897	775,467
30 Inds (b)	225,681.5	235,140.2	278,729	306,788.4	228,721.6
20 Trans (b)	87,241.5	62,567.2	77,742.5	62,907.1	62,004.9
15 Utils (b)	46,967.9	51,898.0	45,688.1	42,941.2	48,360.0
65 Stks (b)	359,890.9	349,605.4	402,159.9	412,636.7	339,087.2
NYSE Amer(a)	7,653	8,268	12,619	9,451	8,036
Nasdaq(d)	4,216,363	4,126,783	4,948,264	4,489,492	4,170,003
NYSE 15 Most Active					
Avg. Price	21.79	15.78	13.76	23.57	17.80
% Tot Vol	16.09	16.38	15.22	14.84	14.64
Numbers in thousands save price and percentages. (a) Primary volume. (b) Composite volume. (d) as of 4:10 p.m. (r) Revised. (v) W/E Thursday. (z) Source: R.F.I.N.					

Dow Jones U.S. Total Market Industry Groups

Top 20 Weekly Ranked	IG-Sym	Close	Net Change		% Change and Ranking						52 Week		
			Wkly	YTD	Week		Rank		YTD		3 Yr		
												High	Low
Internet	DJUSNS	2720.29	+187.20	784.89	+7.39	[1]	+7.66	[40]	+40.55	[1]	+10.46	2,720.29	1,749.51
Transportation Svcs	DJUSTS	295.35	+12.70	43.50	+4.49	[2]	+7.85	[38]	+17.27	[14]	+23.22	314.20	203.43
Broadline Retailers	DJUSRB	2439.74	+81.90	485.63	+3.47	[3]	+8.9	[81]	+24.85	[10]	-0.3	3,002.82	1,913.05
Software & Computer Svcs	DJUSSV	4333.52	+108.59	923.70	+2.57	[4]	+12.39	[24]	+27.09	[7]	+11.24	4,350.86	3,136.88
Business Support Svcs	DJUSIV	985.45	+22.03	29.73	+2.29	[5]	+3.18	[66]	+3.11	[63]	+13.32	1,078.55	875.20
General Retailers	DJUSGT	1934.75	+41.24	213.38	+2.18	[6]	+7.34	[41]	+12.40	[20]	+4.37	2,160.21	1,666.45
Retail	DJUSRT	1761.79	+33.31	182.07	+1.93	[7]	+6.51	[45]	+11.53	[22]	+5.61	1,956.55	1,534.51
Specialized Consumer Svcs	DJUSCS	2079.07	+37.94	234.34	+1.86	[8]	+23.51	[7]	+12.70	[18]	+11.03	2,092.11	1,605.48
Medical Supplies	DJUSMS	1411.66	+25.60	158.27	+1.85	[9]	+16.22	[17]	+12.63	[19]	+18.47	1,431.07	1,121.27
Specialty Retailers	DJUSRS	2309.75	+41.24	166.19	+1.82	[10]	+25.73	[6]	+7.75	[31]	+7.01	2,386.17	1,688.44
Toys	DJUSTY	923.05	+15.24	56.36	+1.68	[11]	-2.95	[96]	+6.50	[38]	-3.79	1,025.21	837.67
Insurance Brokers	DJUSIB	634.44	+9.50	46.64	+1.52	[12]	+18.11	[14]	+7.93	[29]	+17.31	634.44	494.81
Media Agencies	DJUSAV	474.28	+6.92	42.69	+1.48	[13]	+1.46	[76]	+9.89	[25]	+5.30	513.85	386.59
Distillers & Vintners	DJUSVN	496.40	+6.38	-9.24	+1.30	[14]	-5.84	[105]	-1.83	[92]	+8.61	570.79	463.67
Property & Casualty	DJUSIP	1258.80	+13.82	-1.67	+1.11	[15]	+9.17	[34]	-1.3	[84]	+22.82	1,310.67	1,077.90
Industrial Suppliers	DJUSDS	581.90	+6.31	84.15	+1.10	[16]	+21.20	[9]	+16.91	[16]	+22.31	590.97	442.88
Specialty Finance	DJUSSP	458.24	+4.19	28.10	+0.92	[17]	+3.62	[64]	+6.53	[37]	+9.57	519.59	393.55
Telecom Equipment	DJUSTCT	1379.76	+12.62	3.87	+0.92	[18]	+0.9	[84]	+2.8	[78]	+6.35	1,525.54	1,173.05
Waste & Disposal Svcs	DJUSPC	488.41	+4.20	40.14	+0.87	[19]	+12.85	[21]	+8.96	[26]	+20.59	497.83	399.04
Beverages	DJUSBV	1059.38	+6.08	47.68	+0.58	[20]	+6.81	[44]	+4.71	[53]	+13.02	1,059.38	902.29

Top 20 Yr Ago Ranked	IG-Sym	Close	Net Change		% Change and Ranking						52 Week		
			Wkly	YTD	Week		Rank		YTD		3 Yr		
												High	Low
Home Construction	DJUSHB	1708.39	+4.37	375.02	+0.26	[27]	+48.91	[1]	+28.13	[4]	+30.46	1,718.32	1,003.88
Gambling	DJUSCA	662.91	-20.46	134.70	-2.99	[124]	+40.58	[2]	+25.50	[9]	+6.70	705.13	420.78
Heavy Construction	DJUSHV	990.07	-4.64	49.14	-0.47	[49]	+37.71	[3]	+5.22	[47]	+44.10	1,046.87	701.03
Restaurants & Bars	DJUSRU	2723.80	-6.23	296.92	-0.23	[41]	+31.00	[4]	+12.23	[1]	+17.52	2,794.64	2,020.05
Aerospace	DJUSAS	1629.88	+2.55	49.90	+0.16	[29]	+26.32	[5]	+3.16	[61]	+20.89	1,715.44	1,217.62
Specialty Retailers	DJUSRS	2309.75	+41.24	166.19	+1.82	[10]	+25.73	[6]	+7.75	[31]	+7.01	2,386.17	1,688.44
Specialized Consumer Svcs	DJUSCS	2079.07	+37.94	234.34	+1.86	[8]	+23.51	[7]	+12.70	[18]	+11.03	2,092.11	1,605.48
Apparel Retailers	DJUSRA	1113.68	-4.81	-64.71	-0.43	[48]	+21.75	[8]	-5.49	[115]	+14.85	1,246.78	814.48
Industrial Suppliers	DJUSDS	581.90	+6.31	84.15	+1.10	[16]	+21.20	[9]	+16.91	[16]	+22.31	590.97	442.88
Travel & Leisure	DJUSJC	1350.59	-14.04	192.88	-1.03	[72]	+19.74	[10]	+16.66	[17]	+15.19	1,385.61	1,021.84
Footwear	DJUSFT	2280.18	-97.48	107.37	-0.10	[131]	+18.76	[11]	+4.94	[51]	+13.07	2,413.52	1,550.01
Computer Hardware	DJUSCR	8907.81	-49.67	2,005.66	-0.58	[53]	+18.72	[12]	+30.85	[3]	+29.53	8,673.31	6,275.02
Travel & Tourism	DJUSTT	685.28	-8.52	162.47	-1.23	[81]	+18.25	[13]	+31.08	[2]	+12.45	717.13	468.89
Insurance Brokers	DJUSIB	634.44	+9.50	46.64	+1.52	[12]	+18.11	[14]	+7.93	[29]	+17.31	634.44	494.81
Industrial Machinery	DJUSFE	917.04	-18.30	47.77	-1.96	[104]	+16.77	[15]	+5.50	[45]	+18.28	970.33	713.06
Software	DJUSSW	4836.79	+19.63	924.74	+0.41	[22]	+16.77	[16]	+12.40	[11]	+12.40	4,885.53	3,619.64
Medical Supplies	DJUSMS	1411.66	+25.60	158.27	+1.85	[9]	+16.22	[17]	+12.63	[19]	+18.47	1,431.07	1,121.27
Technology Hardware & Equip	DJUSTQ	4000.68	-26.13	856.66	-0.65	[56]	+15.89	[18]	+27.25	[6]	+24.16	4,044.02	2,996.31
Semiconductor	DJUSSC	7485.05	-72.98	1,643.11	-0.97	[71]	+15.12	[19]	+28.13	[5]	+21.75	7,886.50	4,942.75
Marine Transportation	DJUSMT	229.97	-6.70	18.74	-2.83	[122]	+13.15	[20]	+8.87	[27]	+11.39	248.29	184.77

Groups are weighted by capitalization. 52-week highs and lows are based on daily closes. Dec. 31, 1991=100. In the U.S. listings, % vol chg column shows the change from previous 65-day moving average. Volume figures do not reflect extended trading hours.

Delta Market Sentiment Indicator

The Delta MSI measures the position of a representative set of stocks relative to an intermediate-term moving average crossover (MAC) point. When greater than 50% of the stocks followed are above this MAC point, the market is bullish. When the indicator is below 50%, risk is elevated and stock exposures should be reduced. Manager uses discretion on asset allocation when MSI is at 50% +/- 3%.

Bearish

Current Sentiment

42.9%

Last Week

44.5%

2 Weeks ago

43.1%

3 Weeks ago

Current Market Exposure: 0% Equities, 0% Bonds, 100% Cash
Source: Delta Investment Management
www.deltaim.com, (415) 249-6337

Pulse of the Economy

Only includes new reports.	Latest	Latest	Preceding	Year	YroYr
Economic Growth and Investment	Date	Data	Period	Ago	% Chg
No Activity for this Week					
Production					
Electric power, (mil. kw hrs) (EEI)	May 6	69,704	68,356	72,564	-3.94
Petroleum, related capacity, %	May 5	91.0	90.7	90.0	1.11
Rotary rigs running, U.S. & Can., (Hughes)	May 12	825	841	802	2.87
Steel, (thous. tons)	May 6	1,712	1,716	1,777	-3.66
Steel, rated capacity, % (AISI)	May 6	76.1	76.3	81.4	-6.51
Consumption and Distribution					
Instinet Research Redbook Avg. (monthly %)	May 6	0.57	-1.28	0.70	
Baltic Dry Index	May 12	1,558	1,558	3,104	-49.81
Wholesale sales, (mil. \$)	Mar	655,299	r669,258	675,072	-2.93
Inventories					
Domestic crude oil, (thous. bbls) Comm. (Excl. Lease Stock)	May 5	462,584	459,633	424,214	9.04
Gasoline, (thous. bbls)	May 5	219,711	222,878	224,968	-2.34
Wholesale inventories, (mil. \$)	Mar	918,501	r918,818	842,273	9.05
Orders					
No Activity for this Week					

American Debt and Deficits

	Latest Report	Preceding Report	Year Ago Report	Yr over Yr % Chg
Federal Budget Deficit (bil. \$)-a	1,330FY'25	1,201FY'24	1,154FY'23	
Budget Surplus/Deficit (bil. \$)-b, April	+176.18	-378.08	+308.22	-42.84
Trade Deficit (bil. \$, sa)-c, March	-64.23	r-70.64	-106.45	-39.66
Treasury Gross Public Debt. (bil. \$)-d	31,457.4	31,457.5	30,396.3	3.49
Treasury Statutory Debt Limit (bil. \$)-d	31,381.5	31,381.5		
Consumer Installment Debt (bil. \$)-e, March	4,850.7	r4,824.2	4,528.7	7.11

Sources: a-Office of Management and Budget, b-Monthly Treasury Statement, c-Monthly Commerce Dept. Report, d-Daily Treasury Statement, e-Monthly Federal Reserve Release.

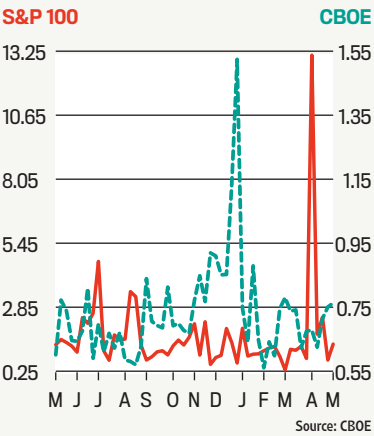
Adjustable Mortgage Rates

	May 12	May 5	Yr. Ago	YOY % Chg
1 Year Treas Bills	4.72	4.72	2.10	124.76
2 Year Treas Notes	3.93	4.00	2.72	44.49
3 Year Treas Notes	3.64	3.74	2.92	24.66
5 Year Treas Notes	3.43	3.52	3.00	14.33
10 Year Treas Notes	3.44	3.46	3.01	14.29
20 Year Treas Bds	3.84	3.82	3.29	16.72
FHFA PMM5+ Apr	6.11	6.11	3.68	66.03

Fed annualized yields adjusted for constant maturity.

CBOE Put / Call Ratio vs. S&P 100

Readings in the CBOE equity put-call ratio of 60:100 and in the S&P 100 of 125:100 are considered bullish, for instance. Bearish signals flash when the equity put-call level reaches the vicinity of 30:100 and the index ratio hits 75:100.



Coming Earnings

Day	Consensus Estimate	Year Ago
Continued from page 11		
W		
Cisco Systems (Q3)	0.97	0.87
Jack in the Box (Q2)	1.21	1.16
Take-Two Interactive (Q4)	0.69	1.09
Target (Q1)	1.78	2.19
TJX (Q1)	0.71	0.68

TH		
Applied Materials (Q2)	1.84	1.85
Walmart (Q1)	1.30	1.30

F		
Deere (Q2)	8.53	6.81
Foot Locker (Q1)	0.79	1.60

(Earnings are diluted and report dates are tentative. All forecasts and historical numbers exclude extraordinary items by accounting definitions.)

Source: FactSet

Conference Call Calendar

Company	Date	Time	Earnings-Related Period
Applied Materials	May 18	4:30PM	Q2
Bath & Body Works	May 18	9:00AM	Q1
Catalent	May 15	8:15AM	Q3
DXC Technology	May 18	5:00PM	Q4
Home Depot I	May 16	9:00AM	Q1
Ross Stores	May 18	4:15PM	Q1
Synopsis	May 17	5:00PM	Q2
Take-Two Interactive Software	May 17	4:30PM	Q4

Source: CCBN, www.ccbn.com

Barron's 50-Stock Average

This index is a weighted average of 50 leading issues. Useful in security valuation. Source: Barron's Stats

	May 11 2023	May 4 2023	May 2022	Yr-to-Yr % Chg
S&P 500 Index	4130.62	4061.22	4008.90	3.04
Barron's 50 Index	11243.31	11176.09	11006	2.16
Projected quarterly earn	166.65	166.65	139.67	19.32
Annualized projected earn	666.60	666.60	558.68	19.32
Annualized projected P/E	16.87	16.77	19.7	-14.40
Five-year average earn	486.93	486.93	435.99	11.69
Five-year average P/E	23.09	22.95	25.2	-8.53
Year-end earn	619.08	619.08	563.98	9.77
Year-end P/E	18.16	18.05	19.5	-6.94
Year-end earns yield, %	5.51	5.54	5.1	7.38
Best grade bond yields, %	3.90	4.60	3.51	11.03
Bond yields/stock ylds, %	0.71	0.83	0.69	3.29
Actual year-end divs	243.69	243.13	227.10	7.31
Actual yr-end divs yld, %	2.17	2.18	2.06	4.97

Foreign Exchange

Country	Foreign Currency in U.S.\$ Fri.	Foreign Currency in U.S.\$ Last Fri.	Foreign Currency in U.S.\$ Fri.	Foreign Currency in U.S.\$ Last Fri.
Argentina (Peso)-y	.0044	.0044	229.1772	226.2712
Australia (Dollar)	.6642	.6749	1.5056	1.4817
Bahrain (Dinar)	2.6529	2.6529	.3769	.3769
Brazil (Real)	.2032	.2019	4.9218	4.9519
Bulgaria (Lev)	.5548	.5627	1.8026	1.7770
Canada (Dollar)	.7381	.7476	1.3549	1.3376
Chile (Peso)	.001273	.001259	785.75	794.03
China (Renminbi)	.1437	.1447	6.9582	6.9106
Colombia (Peso)	.0002191	.0002208	4563.25	4528.00
Czech Rep. (Koruna)	*****	*****	*****	*****
Commercial rate	.04597	.04712	21.754	21.223
Denmark (Krone)	.1457	.1479	6.8642	6.7624
EcuadorUS Dollar	1.0000	1.0000	1.0000	1.0000
Egypt (Pound)-y	.0324	.0323	30.9029	30.9581
Hong Kong (Dollar)	.1275	.1274	7.8417	7.8417
Hungary (Forint)	.002928	.002962	341.53	337.63
Iceland (Krona)	.007208	.007341	138.73	136.23
India (Rupee)	.01216	.01224	82.256	81.726
Indonesia (Rupiah)	.0006074	.0006081	14844	14675
Israel (Shekel)	.2722	.2750	3.675	3.6366
Japan (Yen)	.007367	.007415	13.734	13.485
Kazakhstan (Tenge)	.000231	.000255	448.26	443.55
Kuwait (Dinar)	3.2590	3.2644	.3068	.3063
Malaya (Pataca)	.1237	.1236	8.0805	8.0809
Macau (Pataca)	.2233	.2254	4.4919	4.4370
Mexico (Peso)	*****	*****	*****	*****
Floating rate	.0568	.0563	17.5976	17.7604
New Zealand (Dollar)	.6192	.6292	1.6150	1.5910
Norway (Krone)	.0936	.0946	10.6889	10.5710
Oman (Rial)	2.5974	2.5975	.2850	.2850
Pakistan (Rupee)	.00338	.00335	295.650	283.850
Philippines (Peso)	.01790	.01808	55.864	55.325
Poland (Zloty)	.2401	.2409	4.1653	4.1514
Qatar (Rial)	.2747	.2746	3.6404	3.6417
Russia (Ruble)-a	.01287	.01285	77.681	77.803
Saudi Arabia (Riyal)	.2666	.2666	3.7503	3.7503
Singapore (Dollar)	.7472	.7540	1.3383	1.3263
South Africa (Rand)	.0517	.0543	19.3271	18.1423
South Korea (Won)	.0007447	.0007581	1342.80	1317.96
Sri Lanka (Rupee)	.0032	.0031	313.7600	320.0200
Sweden (Krona)	.0961	.0983	10.4052	10.1712
Switzerland (Franc)	1.1130	1.1225	.8985	.8989
Taiwan (Dollar)	.03246	.03269	30.806	30.593
Thailand (Baht)	.02945	.02953	33.806	33.860
Turkey (New Lira)-d	.0511	.0513	19.5848	19.5115
Ukraine (Hryvnia)	.0271	.0271	36.9500	36.9500
U.K. (Pound)	1.2448	1.2633	.8033	.7916
Uruguay (Peso)	*****	*****	*****	*****
Financial	.02564	.02566	38.995	38.965
Euro	1.0853	1.1018	.9214	.9076

Barron's Gold Mining Index

12-Month High	Low		5/11	5/4	Year Ago	Week % Chg.
1028.37	684.61	Gold mining	868.10	904.72	909.14	-4.05

Gold & Silver Prices

Handy & Harman	5/12	5/5	Year Ago
Gold, troy ounce	2019.90	2000.95	1811.55
Silver, troy ounce	23.90	25.62	21.00

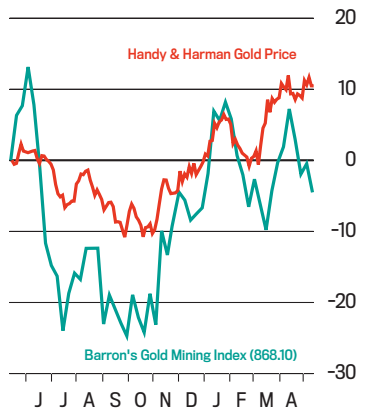
Base for pricing gold and silver contents of shipments and for making refining settlement.

Coins	Price	Premium \$	Premium %
Krugerrand	2105.31	90.66	4.50
Maple Leaf	2155.68	141.03	7.00
Mexican Peso	2599.10	170.03	7.00
Austria Crown	1977.76	59.24	3.00
Austria Phil	2115.38	100.73	5.00
U.S. Eagles	2155.68	141.03	7.00

Premium is the amount over the value of the gold content in the coin. Source Manfra, Tordella & Brookes, Inc. Bullion spot gold price 2014.65

Gold Performance

Solid Gold: In a federal debt showdown, gold rose 0.9% on the week, to \$2,020.



Federal Reserve Data Bank

One week ended May 10:

Member Bank	Prev. Week Change	Year Ago Change
Reserve Chgs. (Mil. \$)		
U.S. Gov't securities:		
Bought outright	7,801,075	-24,473
Federal agency secur:		
Bought outright	2,347	----
Reserve bank credit:		
Primary Credit	4,621	-46,078
Secondary Credit	----	----
Seasonal Credit	5	+2
Floater	-161	+317
Other F.R. Assets	46,559	+2,306
Total Fed Credit #	8,460,614	-42,975
Gold stock	11,041	----
SDR Certif. Accounts	5,200	----
Treas. Curr. Outsts.	51,723	+14
Total	8,547,436	-42,941
Currency in circ	2,330,201	+5,314
Treas. Cash Hldgs	204	+17
Treas. Fed Deposits	197,666	-71,550
Foreign Fed Deposits	9,678	-7
Other Fed Deposits	204,300	-786
Other FR liab/cap	-7,156	-5,076
Total factors	5,351,007	-149,664
Reserves F.R. banks	3,196,429	+106,723
Fgn hold U.S. debt	3,381,547	+8,705

Reserve Ago (Mil. \$)	Latest Month	Prev. Month	Month % Chg.	Year Ago
Total Reserves:	3,258,400	3,021,800	7.83	3,874,700
Nonborrowed Res	3,043,100	3,006,200	1.23	3,848,500
Borrowed Reserves	215,338	15,606	1279.84	26,206
Monetary Base	5,571,000	5,321,000	4.70	6,134,400

Weekly Bond Statistics

New Offerings, (mil \$) (v)	Last Week	Prev. Week	Yr Ago
Corporate (2)	28,385	r30,586	23,459
Municipal (2)	6,085	r5,562	12,378

Best Grade Bonds-y			
(Barron's index of 10 high-grade corporate bonds.)			
	3.90	4.60	3.56

Interm-Grade Bonds-y			
(Barron's index of 10 medium-grade corporate bonds.)			
	4.96	4.84	4.45

Confidence Index			
(Higher-grade index divided by intermediate-grade index; decline in latter has, former generally indicates rising confidence, pointing to higher stocks.)			
	78.7	94.9	80.1

Other Confidence Indicators:			
Bloomberg Barclays US Long Treasury*			
(This index measures the performance of fixed-rate, nominal US Treasuries with at least 10 years to maturity. Jan. 1, 1973=100.)			
	3324.13	3339.12	3552.99

Bloomberg Barclays US Credit			
(This index includes all publicly issued, fixed-rate, non-convertible, investment-grade, dollar-denominated, SEC-registered corporate debt.)			
	2940.21	2939.86	2920.13

Ryan Labs Treasury Index			
(Index of total return from active Treasury notes and bonds. Dec. 31, 1996=100.)			
	274.57	274.90	281.33

Bond Buyer 20 Bond Index			
(Index of yields of 20 general obligation municipal bonds.)			
	3.53	3.53	3.37

Bond Buyer Municipal Bond Index			
(Index of 40 actively-traded tax-exempt bonds; component issues are changed regularly to keep the index a current picture of the market. Source: The Bond Buyer			
	4.37	4.42	4.48

Stock/Bond Yield Gap-s			
(Difference between yield on highest-grade corporate bonds and yield on stocks on the DJIA.)			
	-1.79	-2.52	-1.55

Yield on DJ Equal Weight US Corp Bond Idx:			
Corp Bonds, (y)	5.22	5.19	4.38

y-Week ended Thursday. y-Yield to maturity, week ended Thursday. z-Source: Refinitiv. *Barclays T-Bond Index discontinued by firm.

Week's Ex-Dividend Dates

This list includes payouts on common stocks.

NASDAQ			
Tuesday (May 16)			
BGC Partners Cl A	.01		
First Mid Bancshares	.23		
Global Water Resources	.025		
HMN Financial	.08		
Landmark Bancorp	.21		
LeMaitre Vascular	.14		
Paccar	.25		
Patria Investments	.226		
Pool	1.10		
Powell Industries	.262		
Reynolds Cnsmr Products	.23		
Shyft Group	.05		
Winnmark	.80		

Wednesday (May 17)			
Allied Motion Techs	.03		
Amgen	2.13		
Chesapeake Energy	.55		
Chesapeake Energy	.63		
Cogent Communications	.935		
Columbia Sportswear	.30		
HomeTrust Bancshares	.10		
LKQ	.275		
LP Financial Holdings	.30		
Microsoft	.68		
Provident Fincl Hldgs	.14		
Resources Connection	.14		
Zions Bancorp	.41		

Thursday (May 18)			
Barrett Business Svcs	.30		
Cognex	.07		
Cognizant Tech Solutions	.29		
Energy	.613		
Fidelity D & D Bancorp	.36		
MGP Ingredients	.12		

Newmark Group	.03
Royalty Pharma	.20
Superior Group of Cos.	.14
Walgreens Boots Alliance	.48
Wingstop	.19

Friday (May 19)			
Advanced Energy Inds	.10		
First Hawaiian	.26		
Innospec	.69		
Microchip Technology	.383		
NAPCO Security Techs	.062		
Ranger Oil	.075		
Woodward	.22		

Saturday (May 20)			
NONE			
Sunday (May 21)			
NONE			
Monday (May 22)			
Adtran Holdings	.09		
Gpo HealthCare Techs	.03		
Karat Packaging	.35		
Southside Bancshares	.35		

Wednesday (May 17)			
Advanced Energy Inds	.10		
First Hawaiian	.26		
Innospec	.69		
Microchip Technology	.383		
NAPCO Security Techs	.062		
Ranger Oil	.075		
Woodward	.22		

Thursday (May 18)			
Barrett Business Svcs	.30		
Cognex	.07		
Cognizant Tech Solutions	.29		
Energy	.613		
Fidelity D & D Bancorp	.36		
MGP Ingredients	.12		

Dividend Payment Boosts

Company Name-Ticker Symbol (Exchange)	Adjusted Yield	Period	To	From	Increase	%	Record Date	Ex-Div Date	Payment Date
Alpha Metallurgical Rscs-AMR (NYSE)	1.1	Q	.50	.44	13.6	6-15	6-14	7-05	
Annaly Capital Prfd. F-NLYPf (NYSE)	9.8	Q	.634509	.607679	4.4	6-01	5-31	6-30	
Apple-AAPL (Nasdaq)	0.6	Q	.24	.23	4.3	5-15	5-12	5-18	
Arbor Realty Trust-ABR (NYSE)	13.0	Q	.42	.40	5.0	5-19	5-18	5-31	
Armada Hoffer Properties-AHH (NYSE)	6.7	Q	.195	.19	2.6	6-28	6-27	7-06	
Artesian Resources Cl A-ARTNA (Nasdaq)	2.0	Q	.284	.2784	2.0	5-19	5-18	5-26	
Berry (bry)-BRY (Nasdaq)	3.6	Q	.12	.06	100.0	5-15	5-12	5-25	
BlackRock TCP Capital-TCPC (Nasdaq)	13.0	Q	.34	.32	6.3	6-16	6-15	6-30	
Brink's-BCO (NYSE)	1.4	Q	.22	.20	10.0	5-15	5-12	6-01	
Bunge Ltd-BG (NYSE)	2.8	Q	.6625	.625	6.0	8-18	8-17	9-01	
Cabot Corp-CBT (NYSE)	2.2	Q	.40	.37	8.1	5-26	5-25	6-09	
Cardinal Health-CAH (NYSE)	2.3	Q	.5006	.4957	1.0	7-03	6-30	7-15	
CNO Financial Group-CNO (NYSE)	2.7	Q	.15	.14	7.1	6-09	6-08	6-23	
Credicorp-BAP (NYSE)	2.9	A	6.738544	3.9936	68.7	5-19	5-18	6-09	
CSP-CSIPI (Nasdaq)	1.1	Q	.04	.03	33.3	5-25	5-24	6-13	
Curtiss-Wright-CW (NYSE)	0.5	Q	.20	.19	5.3	6-16	6-15	7-05	
Enertplus-ERF (NYSE)	1.4	Q	.055	.05431	1.3	5-31	5-30	6-15	
ESAB-ESAB (NYSE)	0.3	Q	.06	.05	20.0	6-30	6-29	7-14	
First Merchants-FRME (Nasdaq)	5.2	Q	.34	.32	6.3	6-02	6-01	6-16	
Hamilton Beach Brands-HBB (NYSE)	4.1	Q	.11	.105	4.8	6-01	5-31	6-15	
HDFC Bank ADR-HDB (NYSE)	0.9	A	.593452	.580469	2.2	5-15	5-12	5-15	
Hyster-Yale Materials-HY (NYSE)	2.6	Q	.325	.3225	0.8	6-01	5-31	6-15	
Independence Realty Tr-IRT (NYSE)	3.3	Q	.16	.14	14.3	6-30	6-29	7-21	
Information Services-III (Nasdaq)	3.1	Q	.045	.04	12.5	6-07	6-06	6-30	
KKR-KKR (NYSE)	1.3	Q	.165	.155	6.5	5-22	5-19	6-06	
Lifetvantage-LFVN (NCM)	3.4	Q	.035	.03	16.7	6-01	5-31	6-15	
ManpowerGroup-MAN (NYSE)	3.8	S	1.47	1.36	8.1	6-01	5-31	6-15	
Manulife Financial-MFC (NYSE)	4.7	Q	.273	.253	7.9	5-24	5-23	6-19	
Microchip Technology-MCHP (Nasdaq)	2.1	Q	.383	.358	7.0	5-22	5-19	6-05	
Murphy USA-MUSA (NYSE)	0.5	Q	.38	.37	2.7	5-15	5-12	6-01	
National Bank Holdings-NBHC (NYSE)	3.4	Q	.26	.25	4.0	5-26	5-25	6-15	
New England Realty un-NEN (NYSE AMER)	1.8	Q	.40	.32	25.0	6-15	6-14	6-30	
Osisko Gold Royalties-OR (NYSE)	0.9	Q	.0449	.040484	10.9	6-30	6-29	7-14	
Pembina Pipeline-PBA (NYSE)	6.2	Q	.496707	.477131	4.1	6-15	6-14	6-30	
Penske Automotive-PAG (NYSE)	1.6	Q	.66	.61	8.2	5-22	5-19	6-01	
Pool-POOL (Nasdaq)	1.3	Q	1.10	1.00	10.0	5-17	5-16	5-31	
Sociedad Quimica ADR-SQM (NYSE)	10.6	Q	3.22373	2.974726	8.4	5-12	5-11	5-11	
Stantec-STN (NYSE)	1.0	Q	.1459	.143535	1.6	6-30	6-29	7-17	
Taiwan Semiconductor ADR-TSM (NYSE)	1.7	Q	.488997	.3597	35.9	9-15	9-14	10-12	
Tetra Tech-TTEK (Nasdaq)	0.6	Q	.26	.23	13.0	5-24	5-23	6-06	
Timken-TKR (NYSE)	1.8	Q	.33	.31	6.5	5-16	5-15	5-30	

Dividend Payment Reductions

Company Name-Ticker Symbol (Exchange)	Adjusted Yield	Period	To	From	Decrease	%	Record Date	Ex-Div Date	Payment Date
City Office REIT-CIO (NYSE)	9.5	Q	.10	.20	-50.0%	7-07	7-06	7-21	
PacWest Bancorp-PACW (Nasdaq)	21.9	Q	.01	.25	-96.0%	5-15	5-12	5-31	
Paramount Global Cl A-PARA (Nasdaq)	5.6	Q	.05	.24	-79.2%	6-15	6-14	7-03	
Paramount Global Cl B-PARA (Nasdaq)	6.4	Q	.05	.24	-79.2%	6-15	6-14	7-03	

Stock Splits/Dividends

Company Name-Ticker Symbol (Exchange)	Amount	Record Date	Ex-Div Date	Pay Date
NONE				
Walker & Dunlop	.63			
Thursday (May 18)				
ACCO Brands	.075			
ACCO	5.00			
American States Water	.398			
Atlantic Union Bankshares	.10			
Blue Owl Capital	.34			
Bunge Ltd	.625			
BWX Technologies	.22			
Chevron	1.51			
Credicorp	6.739			
Cummins	1.57			
Federal Signal	.10			
Genie Energy	.075			
GSK ADR	.348			
Hawaiian Electric Inds	.36			
HCI Group	.40			
Hershey	1.036			
Hilton	.15			
Magna International	.46			
Assured Guaranty	.28			
Carlisle Cos	.34			
Otis Worldwide	.34			
Raytheon Technologies	.59			
Shell ADR	.575			
Sherwin-Williams	.605			
Sitio Royalties	.74			
Snap-On	1.62			
TE Connectivity	.59			
TransUnion	.105			
Unilever ADR	.47			
Wheaton Precious Metals	.15			
Whirlpool	1.75			
Zurn Elkay Water Solns	.07			

This list includes payouts on common stocks.		Bunge Ltd.	.625
		BWXT Technologies	.15
		Chyron	1.735
		Credicorp	1.735
		Cummins	1.57
		Federal Signal	.10
		Genie Energy	.075
		GSK ADR	.36
		Hawaiian Electric Inds	.34
		HCI Group	.40
		Hershey	1.035
		Hill	.19
		Magna International	.47
		Moody's	.77
		OTIS Worldwide	.34
		Raytheon Technologies	.55
		Shell ADR	.40
		Sherwin-Williams	.605
		Siti Royalties	.50
		Snapp-On	1.62
		TE Connectivity	.50
		Transilux	.47
		Unilever ADR	.47
		Wheaton Precious Metals	.15
		Whirlpool	1.75
		Zurk Eklav Water Solutions	.07
Friday (May 19)			
Angel Oak Mortgage REIT		.32	
Apollo Global Mgmt A		.43	
Atmos Energy		.74	
Cosan ADR		.335	
Deluxe Corp		.30	
Enertplus-ERF (NYSE)		.165	
KKR		.165	
ON24		.09	
PHX Minerals		.023	
Primerica		.62	
Ryder System		.62	
Sat.(May 20)-Sun. (May 21)			
NONE			
Eversource Energy		.675	
First Majestic Silver		.06	
GeoPark		.13	
Helmerich & Payne		.2	

Week’s
New Highs and
Lows

NYSE 140 New Highs	213 New Lows
Nasdaq 282 New Highs	502 New Lows
NYSE American 16 New Highs	24 New Lows
Only includes COMMON and REIT stocks	

NYSE American

NEW HIGHS

AultDisruptive
Birks
CatchalnvTA
CoreMoldingTech
GalianoGold
HNR Acqn
inTEST
JawsMustangA
NewGold
NorthernStrII A
Servotronics
TRX Gold

NEW LOWS

AlmadenMinerals
AmbowEduc
AultAlliance
CamberEnergy
ChicagoRivet
ChinaPharma
Enservco
EvansBancorp
GoldenMinerals
GranTierraEner
MexcoEnergy
MultiWays
NavideaBiopharm
NovaBayPharm
Nuburu
PowerREIT
RaMedicalSys
RetractableTechs
SatixFyComms
TrinityPlace

Nasdaq

NEW HIGHS

26CapAcqnA
89bio
A SPAC II
Abcam
AcadiaPharm
Accuray
AceGlbIBus
ACELYRIN
AchieveLifeSci
ACV Auctions
ADMA Biologics
AlphaStarAcqn
ANI Pham
AquestiveTherap
Arcellx
ArchCapital
ArcturusTherap
ArizsAcqnA
ARS Pharm
Assertio
Astronics
Augmedix
AuraFatProjectsA
AvadelPharm
AvalonAcqn
AxonPrimelnfRA
AxsomeTherap
BannerAcqnA
Belfuse A
Belfuse B

BELLUS Health
BentleySystems
BetterWorld
BioPlusAcqnA
BioRestorativeTher
BitDigital
BlueBird
BridgetownA
ByteAcqnA
CalliditasTherap
Cantaloupe
CarrolsRestr
CarticaAcqnA
CasellaWaste
Celsiushldg
Cintas
ClearOne
CodaOctopus
CommVehicle
Copart
CorsairGaming
Corvel
CorvusPharm
CresceraCapA
CrineticsPharm
CrixusBH3 A
CTI BioPharma
CueBiopharma
Cvent
CytoMedTherap
DataKnightsA
DelcathSystems
Digimarc
DigitalHealth
DPCapAcqnIA
Duolingo
Enstar
Ent4.0TechAcqnA
Escalade
EverCommerce
EvolvTech
ExactSciences
FG Merger
FifthWallIII A
FinStrategiesA
FirstCitizBcshA
FirstSolar
Flywire
Freshpet
GaleraTherap
GDMA Biologics
GreenlightCapRe
GSI Tech
Harmonic
HarrowHealth
HeritageGlobal
HitekGlobal
Hookipa
HorizonSpacel
ICU Medical
ICZOOMA
IDEAYA Bio
IES Holdings
Immunome
Immunon
Innodata
VoyagerPharma
InterDigital
Intra-Cellular
InvestcorplndiaA

iRadimed
JackintheBox
Jiayin
KandiTech
KhoslaVentures
KimballIntI B
KrystalBiotech
LamfGlbI A
Lantheus
LegendBiotech
LeonardoDRS
Limbach
LIVCapAcqnII A
LongboardPharm
Macrogenics
MamaMancini’s
MarinusPharm
MarsAcqn
MaxeonSolar
MercurityFintech
MeritMedical
MersanaTherap
Microsoft
MidwestHolding
MiMedx
MinorityEqualityA
MontereyCapA
MoonLakelmm
Morphic
MountainCrestV
MountainI A
MuscleMaker
NanoXImaging
NeoGenomics
NewProvidencell A
Nexters
NEXTracker
NubiaBrandA
Nuvalent
NVIDIA
OcularTherapeutix
OcuphirePharma
Ohmyhome
OlemaPharm
Opera
OraSureTechs
OReillyAuto
OSI Systems
PepsiCo
PerpetuaRscs
PharmaCyteBiotech
PhathomPharm
PonoCapitalThree
PowellIndustries
PreformedLine
ProfoundMed
PTC Therap
PulseBiosciences
Qomolangma
QuadroAcqnOneA
Quanterix
RadNet
ReataPharm
RevanceTherap
RxSight
Ryanair
SagaliAmAcqnA
SageTherap
SciPlay
scPharm
SelectivelnS
ShengfengDev’t
SignalHillA
SilverspacA
SizzleAcqn
SkywardSpecIns
SocialLvgl A
SolenTherap
SovosBrands
SPS Commerce
SterlingInfr
StoneBridgeA
StoneCo
TactileSystems
Tingo
TMT Acqn
TradeUPAcqn
Travelzoo
TScanTherap
UnitedInsurance
US Lime&Min
USGoldMining
Vaxcyte
VectivBio
Vericel
VeriskAnalytics
VikingTherap
VitaCoco
VividSeats
VoyagerTherap
Wendy’s
WW Intl
XenonPharm

XerisBiopharma
YottaAcqn

NEW LOWS
180LifeSci
AbCelleraBio
ACELYRIN
Aceragen
AcuityAds
Adamis
AdaptHealth
ADDvantage
Aditxt
AdTheorent
Adtran
AdvEmissions
AerwinsTech
AestheticMed
AFC Gamma
AgileTherap
AgileThought
Agriforce
AirTransportSvcs
Akanda
Akoya
Akumin
AlphaTeknova
AmalgamFin
AMC Networks
AmeriServFin
AmesNational
Amplitude
Amryis
ANZ Therap
Appreciate
AptevoTherap
AquaBountyTech
ArcadiaBiosci
ArcutisBiotherap
Arko
ASP Isotopes
AspiraWomenHlth
Assure
AtaraBiotherap
Aterian
AuburnNatIBncp
AudioCodes
AuroraCannabis
AuroraMobile
AvidTechnology
Azenta
BankFinancial
BankofSC
BankOZK
Banner
BassettFurniture
BaudaxBio
BayCom
BCB Bancorp
BeyondMeat
BigCommerce
Biofrontera
Biolase
Biomerica
BioNTech
Biophytis
BitdeerTech
BitNileMetaverse
BluejayDiag
BlueStarFoods
BoneBiologics
BonNaturalLife
Brainsway
Bumble
CalAmp
CanopyGrowth
CapstoneGreen
CareDx
CatalystBncp
CB FinSvcs
CEA Inds
Collectis
Celularity
Cerus
CEVA
CF Bankshares
ChargeEnt
ChemungFinl
ChickenSoupA
Chimerix
Cinedigm
CitiTrends
Clene
CntlValCmntyBk
Co-Diagnostics
Codexis
CodorusValleyBncp
CoherusBioSci
ComeralLifeSci
CommerceBcshrs
CommScope
CommunityFin
CommWestBcshs

ComputerPrograms
ComputerTask
comScore
COMSovereign
Concentrix
Conformis
CSG Systems
CtznCmntyBcp
CueHealth
CullinanOncology
CumberlandPharm
CumulusMedia
CuriosityStream
Cutura
CVB Fin
CyclerionTherap
CytekBiosci
CytoMedTherap
Dave
DimeCommBcshs
DISH Network
Dominari
DXP Ents
Dynatronics
E-HomeHousehold
EagleBancorp
EagleBncpMT
EaglePharm
EBET
EchoStar
Edgio
EduDev
eGain
ElectraBatteryMtls
EnantaPharma
Energoous
EnsysceBio
Equillium
EquityBcshs
Ericsson
ESSA Bancorp
ExelaTech
Expensify
FarmerBros
FarmersBancp
FARO Tech
FinwardBancorp
FinWiseBancorp
FirstBancorp
FirstBusFinSvcs
FirstComSC
FirstFinBkshs
FirstFinBncpOH
FirstFinNW
FirstFoundation
FirstHawaiian
FirstInterBanc
FirstInternetBncp
FirstMerchants
FirstMidBcshs
FirstSavingsFin
FirstSeacoastBncp
FiveStarBncp
FlushingFin
FNCB Bancorp
Fossil
FranklinFinlSvc
FreelineTherap
FreightCarAmer
FreshTracks
FrontierComms
FultonFin
FVCBankcorp
Genasys
GeneDx
GladstoneComm
GladstoneLand
GlobusMaritime
GoPro
GreenlandTech
GreenLightBio
Groupon
HainCelestial
HailmarkFin
HaillofFameResort
HalozymeTherap
HarborCustomWt
HeartlandFinUSA
HennessyAdvrsr
HeronTherap
Hesai
HF Foods
HighPeakEner
HomeTrustBcshs
Hongli
HorizonBancorp
HudsonGlobal
HuntingtonBcshs
Hydrofram
HyzonMotors
IF Bancorp
iHeartMedia
iMediaBrands

Immucell
Incyte
IndependentBank
IndLogistics
Infobird
Inogen
Inpixon
InteractStrength
Interface
Intergroup
InvoBioScience
iRobot
iSun
JamfHolding
KaivalBrands
Karo0000
KaryopharmTherap
KearnyFinancial
Knightscope
Koss
KY FirstFedBncp
LakelandFin
LakelandInd
LamfGlbI A
LandmarkBncp
Largo
LCNB
LexariaBioscience
LifetimeBrands
LightwaveLogic
Lumentum
Lyft
MalvernBancorp
ManhattanBridge
MaravaiLifeSci
MarinSoftware
Marpai
MartinMidstream
MatchGroup
mCloudTech
MercantileBank
MicrobotMed
micromobility.com
MiddlefieldBanc
MidSouthBncp
MillenniumGrpntl
Missfresh
MobileGlbEsports
ModivCare
MoleculinBiotech
Momentus
MonoparTherap
MontaukRenew
MotusGI
MSP Recovery
MullenAuto
NauticusRobot
NCS Multistage
NearIntelligence
NecessityRetail
NemauraMedical
NeptuneWellness
NewellBrands
Newmark
NewtekOne
Nikola
Noodles
NortechSystems
NorthernTrust
Nuwellis
OceanFirstFin
OceanPal
Ocugen
Olaplex
OldPointFinl
OncologyInst
OP Bancorp
OrganiGram
OriginBancorp
OrrstownFinSvcs
PacificPremBncp
PalisadeBio
ParamountA
ParamountB
PartnersBancorp
PatriotNatIBncp
PattersonUTIEen
PaycorHCM
PayPal
Peloton
PENN Entmt
PeoplesBncpNC
PeoplesBncpOH
PeoplesFinSvcs
Peraso
PetMedExpress
PhenomeX
PioneerBancorp
PlugPower
PolarPower
PonceFinl
PRA Group
PremierFinl

PrincetonBncp
ProFrac
ProvidentFin
Psychemedics
QualTekSvcs
QuantaSing
QuinStreet
RackspaceTech
RaniTherap
RapidMicro
RealGoodFood
Recruiter.com
RegencellBio
RelayTherap
Renasant
RetailOppor
ReToEcoSol
RVL Pharm
Sabre
SafetyInsurance
SagaComm
SalemMedia
SandySpringBncp
SangamoTherap
SarcosTech&Robotic
SB Financial
SBA Comm
SCWorx
SeaStarMedical
SelinaHosp
SenecaFoods B
SentiBiosciences
SharpsTech
Shineco
ShoreBancshares
ShuttlePharm
SimmonsFirstNat
SingingMachine
SingularGenomics
SiNtxTech
SleepNumber
SocketMobile
SolidPower
Soligenix
Sonder
SonnetBio
Sono-Tek
SoundFinBancorp
SoundThinking
SouthernStBcsh
SouthsideBcshs
SPAR Group
SpartanNash
Staffing360
SterlingBancorp
StockYardsBncp
Strattec
SummitFin
SunPower
SunRun
SuperCom
Synlogic
T2Biosystems
TandemDiabetes
TaskUs
TCBioPharm
TD Holdings
TechTarget
TempoAutomation
TerritorialBncp
TexasCapBcshs
TimberlandBncp
TonixPharm
TowerSemi
TowneBank
TraconPharm
Trupanion
TrustcoBank
Trustmark
TTEC
TuanChe
TuSimple
U Power
UcommuneIntl
UnitedBancorpOH
UnitedBkshrsWV
UnitedFire
UnivElectro
UnivestFin
UplandSoftware
urban-gro
ValleyNatIBncp
Veradigm
VerdeCleanFuelsA
Vericity
Veritex
View
ViewRay
VincovVentures
ViractaTherap
VyantBio
Wang&Lee
WashTrBcp

WaterstoneFinl
WestBancorp
WestNewEngBncp
WeTrade
WheelerREIT
WSFS Financial
Yellow
YoshiharuGlbI
ZappEV
ZiffDavis
ZoomInfoTech
Zumiez
ZynerbaPharm

NYSE

NEW HIGHS
ABB
Alcon
AltC Acqn
AltimarAcqnIIIA
AmericaMovil
Aon
AresAcqnA
ArloTech
AthenaTechII A
AutoZone
BWX Tech
BancodeChile
BeazerHomes
BostonSci
BoydGaming
BrightHorizons
BuildersFirst
BurfordCapital
CGI A
CardinalHealth
Cemex
CenturyComm
ChurchillVI A
ChurchillVII A
Coca-Cola Femsa
CerveceriasUnid
Cooper
Copa
CraneNXT
Crawford A
DRDGOLD
DeckersOutdoor
EG Acqn A
EagleMaterials
EdgewellPersonal
EnelChile
EroCopper
EverestConsola
EvoquaWater
FestaAcqnII A
FairIsaac
Ferrari
FomentoEconMex
Forestar
Franco-Nevada
FreedomI A
FusionAcqnIIA
GFLEnvironmental
Gallagher
GeneralMills
GenAsia I A
GraphicPkg
GreenBrickPtrs
Harsco
HeritageInsurance
Hims&HersHealth
HondaMotor
Hovnanian
InFinTAcqnA
InspireMedical
KB Home
KinrossGold
LambWeston
Lennar A
LennoxIntl
EliLilly
MI Homes
M3-BrigadeIII A
MarineProducts
MartinMarietta
MasoniteIntl
McDonald’s
MetalsAcqn
MuellerIndustries
MuellerWater
N-able
NaborsEnerA
NorthAmConstr
NuHoldings
Oracle
OsirisAcqn
PG&E
ProgHoldings
ProofAcqnIA
Penumbra
PontemA
PulteGroup

QuantaServices
RadianGroup
RepublicSvcs
RestaurantBrands
RoyalCaribbean
RymanHospitality
ST Ener I A
Salesforce
SeabridgeGold
ShakeShack
Shopify
SilverBoxIIIA
SiriusPoint
Spotify
StandexInt
Stantec
Stevanato
TaylorMorrison
Teradata
Toll Bros
TransDigm
TransportadGas
TreeHouseFoods
TriPointe
TristarAcqnI
Uber
UltraparPart
Valvoline
Visay
WisdomTree
XPO

NEW LOWS
AMTD Digital
ASGN
Alexander’s
AlpineIncmProp
AlticeUSA
AmerVanguard
ArmstrongWorld
Ashland
AssociatedBanc
Atento
AtlUnionBkshs
BGFS
BRT Apartments
Babylon
DRDGOLD
DeckersOutdoor
EG Acqn A
EagleMaterials
EdgewellPersonal
EnelChile
EroCopper
EverestConsola
EvoquaWater
FestaAcqnII A
FairIsaac
Ferrari
FomentoEconMex
Forestar
Franco-Nevada
FreedomI A
FusionAcqnIIA
GFLEnvironmental
Gallagher
GeneralMills
GenAsia I A
GraphicPkg
GreenBrickPtrs
Harsco
HeritageInsurance
Hims&HersHealth
HondaMotor
Hovnanian
InFinTAcqnA
InspireMedical
KB Home
KinrossGold
LambWeston
Lennar A
LennoxIntl
EliLilly
MI Homes
M3-BrigadeIII A
MarineProducts
MartinMarietta
MasoniteIntl
McDonald’s
MetalsAcqn
MuellerIndustries
MuellerWater
N-able
NaborsEnerA
NorthAmConstr
NuHoldings
Oracle
OsirisAcqn
PG&E
ProgHoldings
ProofAcqnIA
Penumbra
PontemA
PulteGroup

Genesco
Genpact
GlacierBancorp
Globant
GrayTelevision A
GreatAjax
GreystoneHousing
HanesBrands
Helm&Payne
HomeBancShares
HudsonPacProp
Ingevity
IntrepidPotash
KKR RealEstFin
KronosWorldwide
LL Flooring
Lazard
Leidos
LeviStrauss
LincolnNational
MBIA
Mytheresa
MSG Ent
Marcus&Millichap
MariaDB
Mativ
MetLife
Mosaic
NL Industries
NaborsIndustries
NationalFuelGas
Nautilus
Nevro
Nokia
NuScalePower
Nutrien
OneLiberty
Organon
OrionOffice
OsirisAcqn
OutfrontMedia
Ovintiv
PNC Finl
PerimeterSolns
PermRock
Pfizer
ProAssurance
Ranpak
Renren
RiteAid
SignaSports
SallyBeauty
Sasol
ServisFirst
Sibanye-Stillwater
SouthwestAir
SpiritAirlines
Stoneridge
SynovusFinl
TelusIntl
TalosEnergy
Team
3M
Tredgar
Trinseo
Tronox
Tupperware
TwoHarbors
TysonFoods
UGI
US Cellular
Ubiquiti
VaalcoEnergy
ValensSemicon
Valhi
VenatorMaterials
Victoria’sSecret
VinceHolding
VornadoRealty
Walker&Dunlop
Waters
WeisMarkets
WeWork
WheelsUp
WideOpenWest
Wiley A
Wolfspeed

Distributions & Offerings

Secondary Distributions of common stocks				
Ani Pharmaceuticals	1,898,735	\$39.50	\$75,000,033	
Guardforce AI Co Ltd	2,580,600	\$4.65	\$11,999,790	
Hayward Holdings	21,000,000	\$11.85	\$248,850,000	
Hillman Solutions	22,455,000	\$7.80	\$175,149,000	
Integral Ad Science Holding	11,500,000	\$15.00	\$172,500,000	
Mirion Technologies	7,000,000	\$7.65	\$53,550,000	
Rexford Industrial Realty	13,500,000	\$55.60	\$750,600,000	
Sixth Street Specialty Lending	4,500,000	\$17.60	\$79,200,000	
Solo Brands	11,304,348	\$5.25	\$59,347,827	
Source: Dealogic LLC, New York City; (212) 577-4400.				

OTHER VOICES

Waiting to act on the Social Security problem isn't optimal. The longer we wait, the fewer workers will be available to contribute to the solution.

Social Security Needs A Fix Soon. There's No Free Lunch.

Social Security is widely regarded as the most successful and popular government program of all time. Benefits from the program have substantially reduced poverty among seniors. It provides a lifetime stream of income, guaranteed by the government and adjusted each year to ensure that the real benefits keep up with inflation. But it isn't sustainable in its present form.

The Social Security Board of Trustees has estimated that its trust fund has reserves to pay all scheduled benefits only until 2033. If Congress fails to act to shore up the system, benefits could be cut indiscriminately by 23%. Implementing changes sooner rather than later, say the trustees, would allow any changes to be phased in gradually, allow more generations to benefit from Social Security, and restore confidence in the program.

One can certainly understand why many politicians prefer to ignore the long-run problem. But waiting isn't an optimal policy. The longer we wait, the fewer workers will be available to contribute to the solution.

The basic problem with the financing of Social Security is one of demography. In 1950, there were more than 16 workers paying into Social Security per beneficiary. By 2000, there were barely 3½ workers per beneficiary. By 2035, the ratio will be 2.3 to 1, and that number will fall further in the future. The U.S. population is aging rapidly. Beneficiaries are living longer, while low fertility rates mean that fewer people have been entering the labor force over time.

BY BURTON G. MALKIEL
Malkiel is the author of A Random Walk Down Wall Street. The 50th-anniversary edition was published this year.

If a solution is to be enacted, it will need to have bipartisan support. We were able to do this in 1983, following the recommendations of the Greenspan Commission. With the support of both political parties, Congress enacted changes that fixed about two-thirds of the long-run funding requirements estimated at the time. The problem is larger today, but solutions are feasible with modest changes in the program. The question is whether solutions are achievable in today's fractious political climate and whether Congress would even consider creating a commission to study the alternatives. What kind of program changes

would fix the problem? Many different combinations would help. My preference would be to consider some combination of modest increases in retirement ages and tax increases to provide greater long-run funding support.

For example, suppose that the retirement age were increased by one month a year until in 24 months it was increased by two years to reflect in small part the long-run increases in longevity. There would be no change for current retirees and only modest effects for those near retirement. For people doing manual labor and physically unable to work when older, one could decree that the age at which benefits could start would remain unchanged, as would eligibility for disability benefits. The Committee for a Responsible Federal Budget, or CRFB, estimates that raising the retirement age by two years to age 69, and then indexing it to longevity, would close 39% of the 75-year funding shortfall.

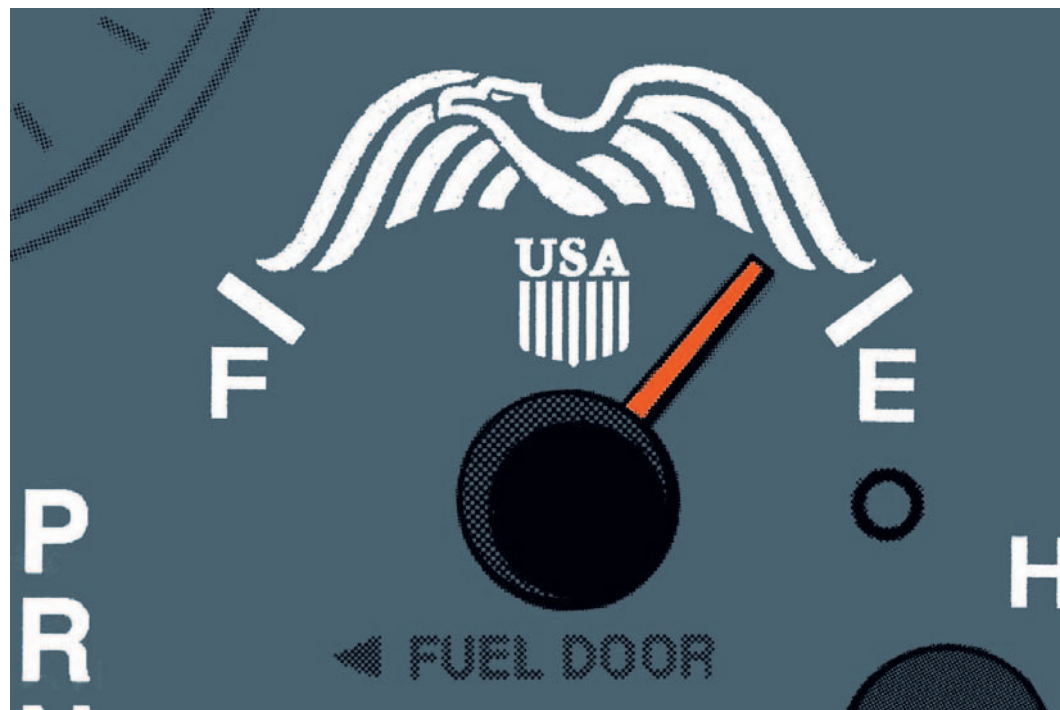
If a proposal is to obtain bipartisan support, a significant part of the solution must involve progressive tax increases. At present, the first \$160,250 in wages are subject to the Social Security payroll tax. The CRFB has estimated that if, instead, all wages were subject to

the Social Security payroll tax, 63% of the long-run funding gap could be closed. Clearly, a variety of proposals to increase the progressivity of the payroll tax can make a substantial difference in stabilizing the Social Security program. Additional revenue can also be raised by expanding Social Security to include state and local government workers. If there is a will by Congress to engage in serious discussion, there is a path to putting worries about the long-run viability of the program behind us.

Some would argue that there are simpler solutions to the funding problem by investing the Social Security trust fund in private bonds and equities. Others have suggested that privatization of the program would offer retirees higher returns. But neither of these proposals would provide relief without substantially increasing risk. In recent years, we have experienced sharp declines in diversified stock and bond portfolios. There is no free lunch available by taking added investment risks. Declines in stock and bond prices could easily occur just before retirement or at the onset of disability. And while privatized plans invested in low-cost index funds could provide higher returns for retirees, all would involve greater risk. Moreover, the private market cannot duplicate Social Security's completely safe inflation-adjusted lifetime annuity.

What could make sense, however, is to add a small private plan to the existing Social Security program. For example, the payroll tax rate might be increased by a small amount, with the additional funds placed in self-directed retirement accounts where individuals could invest in private securities. Since the basic Social Security benefits would remain unchanged, the augmented program wouldn't involve any increase in risk. Such an added forced savings program would substantially improve retirement security.

Changing arrangements for a program as politically sensitive as Social Security will never be easy. But it will be more manageable to do it now, and it could provide a crucial test of whether our fragmented political system is capable of shoring up a popular program that sooner or later will require repairing. **B**



MAILBAG

Send letters to Mail@Barrons.com. To be considered for publication, correspondence must bear the writer's name, address, and phone number. Letters are subject to editing.

Numbers by Barron's, which breaks down the markets, is available wherever you listen to podcasts.



A Voluntary Market-Led Solution

To the Editor:

Daren Fonda's article on ESG issues is excellent ("Companies Under Siege," Cover Story, May 4). It is well-researched and balanced, and captures the essence of the issues as well as what we do as investors. The market will continue to ration capital toward companies that manage their financially material ESG exposures—both the risks and opportunities—in a manner that is consistent with long-term value creation.

The market-led price discovery process, which depends on transparency and information flow, dictates that we focus on the real-world changes occurring around us and how well any given company is able to manage through those changes.

It is important for all investors to stay focused on these realities; and we see that the vast majority of corporations worldwide are working to navigate the real-world changes in the global energy system and in workforce demographics.

We call this a voluntary market-led solution, and it is the essence of capitalism. Messy in the short term,

but extremely efficient in the long term.

John Streur
Chairman
Calvert Research and Management
Washington, D.C.

To the Editor:

If companies are going to wade into the highly contentious political and/or cultural controversies of today, they shouldn't be surprised when they get a hard reaction from people who feel differently than they do. And, contrary to Fonda's article, there are a healthy number of people and investors who disagree with the ESG movement's progressive advocacy and hypocrisy. Why any CEO thinks that it's good business to take a controversial position on today's cultural/political issues and immediately alienate half of your customer base is beyond me. Maybe businesses should just stay in their lane, focus on their profitability and growth, and leave the cultural debate to the politicians and the cable news pundits.

Richard Rosen
New York

To the Editor:

I appreciate the evenhanded and pragmatic approach to anti-ESG blowback in your cover story. The private sector has become a firewall when it comes to maintaining social progress, especially when government can't or won't lead. On the issue of abortion, if statewide votes in Kansas, Kentucky, Wisconsin, and Michigan are any indication, it isn't as divisive as we have been led to believe. Most people don't want elected officials coming between them and medical decisions they are making with their healthcare provider. Companies need to do more to stand up against this kind of overreach.

Jennifer Stark
Washington, D.C.

Deficit Spending

To the Editor:

Inflation isn't the problem; it's the symptom ("Inflation Keeps a Tight Grip. The Fed Still Has More Reason

to Raise Rates Than Cut," The Economy, May 5). The problem is unsustainable government deficit spending. As long as the Federal Reserve continues to print money to monetize the debt, inflation will continue. Crippling the economy with high interest rates won't reduce inflation and will increase borrowing costs for the government.

Adam Mayer
On Barrons.com

Commodities Investing

To the Editor:

In "This Fund Pro Wins by Betting on Former Losers. 3 of His Contrarian Picks" (Interview, May 4), Matthew Fine, portfolio manager at Third Avenue Management states that "there is no metal or natural resource more critical to renewable energy than copper. It is critical to the basic functioning of modern society, but also incredibly scarce." Fine goes on to say that "renewable energy will also drive demand, whether it is electric vehicles, wind energy, or solar. The technologies, and facilitating their connection to the grid, have the potential to be a demand accelerant for copper."

The direct connection between modern technologies and much frowned-upon industries, such as mining, are often obscured and presented as something "intangible," something not having a physical presence—the cloud comes to mind. The digital data in the cloud are stored in a physical environment—on physical servers across the globe on terra firma. Modern technologies operate in a tangible environment,

using tangible, scarce, and essential natural resources, such as land, water, certain metals, and fossil fuels. Mined metals and fossil fuels to varying degrees are, and will continue to be, critical to the development of modern technologies and the transition to renewable energy.

Natural resources and the ever-increasing need for the maintenance and the quest for improvement of new technologies are interdependent to a certain degree and will continue their co-dependence for the foreseeable future. Commodities investing is here to stay.

Irakli G. Mirzashvili
Cedar Park, Texas

Cash-Secured Puts

To the Editor:

I couldn't agree more with the cash-secured put strategy ("The Debt-Ceiling Standoff Will Create Panic in the Stock Market. How to Profit From It," The Striking Price, May 3). Who knows if, when, and to what magnitude the perceived recession will arrive or if the government will or won't default on its debt. But the fact that the volatility opera has begun is very much true.

This strategy, in my opinion, works in any market environment for those who wish to build a position in securities they believe are below intrinsic value. It's a win-win in this case, collecting passive premium if the position remains out of the money, or building your positions at a lower price (strike price) than what you would've bought at otherwise.

Alec Bicknese
New York

"Maybe businesses should...leave the cultural debate to the politicians and the cable news pundits."

Richard Rosen, New York

Barron's

Level Up

Building a Business and Investing in Women Entrepreneurs

June 14, 2023 | NYC

Join us for a Level Up thought leadership breakfast in New York City. Hear from leading women in investing and entrepreneurship, like **Blackstone Global Head of Consumer Ann Chung**, about funding female-led businesses and how to take a start-up to the next level. Attendees can participate in live Q&A and networking opportunities.



RSVP to Attend
events.barrons.com/levelup-NYC

Sponsored by



PHILIP MORRIS
INTERNATIONAL

